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MANDATORY MANDATORY MANDATORY

ATA SYSTEM: 53

**TITLE: FUSELAGE - CENTRAL FUSELAGE - INSPECTION FOR FUSELAGE
SKIN CRACKS ABOVE LAP JOINT STRINGERS 6 LH AND RH BETWEEN
FRAMES 35 AND 47**

MODIFICATION No.:

None

ATA SYSTEM: 53

TITLE: FUSELAGE - CENTRAL FUSELAGE - INSPECTION FOR FUSELAGE SKIN CRACKS ABOVE LAP JOINT STRINGERS 6 LH AND RH BETWEEN FRAMES 35 AND 47

REVISION TRANSMITTAL SHEET

This page transmits Revision No. 01 of Service Bulletin No. A320-53-1472.

A. ADDITIONAL WORK

No additional work is required by this revision.

B. REASON

Revision No. 01 issued to:

- Update the applicability of this Service Bulletin
- Correction of the Accomplishment Timescale
- Correction of procedures and flowcharts to introduce optional GVIs between consecutive special detailed inspections and steps to report the inspection results.

C. CHANGES

PLANNING INFORMATION	
APPLICABILITY	Applicability updated.
COMPLIANCE	
Accomplishment Timescale	Accomplishment Timescale updated.
ACCOMPLISHMENT INSTRUCTIONS	
Task set A320-A-53-XX-1472-04000-93BA-A Do a Check of the AOT A53N009-14 Rev01 Effectivity	
PROCEDURE	
A320-A-53-XX-1472-01001-300A-A Do a Check of the AOT A53N009-14 Rev01 Effectivity	Procedure and flowchart updated to introduce consecutive GVIs as option to special detailed inspections, depending on the check results.
Task set A320-A-53-XX-1472-03000-93BA-A Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB	New task set created.
Task set A320-A-53-XX-1472-01000-93BA-A Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides	
PROCEDURE	
A320-A-53-XX-1472-01001-311A-A Do an External GVI of the Fuselage Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47	Procedure and flowchart updated to introduce optional GVIs between consecutive special detailed inspections, depending on the inspection results.

A320-A-53-XX-1472-04001-311A-A Do an External GVI of the Fuselage Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47	Procedure and flowchart updated to introduce optional GVIs between consecutive special detailed inspections, depending on the inspection results.
Task set A320-A-53-XX-1472-02000-93BA-A OPTION 1: Phased Array Ultrasonic Technology Inspection of the External Skin on the LH and the RH Sides	
PROCEDURE	
A320-A-53-XX-1472-02001-311A-A Do a Phased Array Ultrasonic Technology Inspection of the External Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47	Procedure and flowchart updated to introduce optional GVIs between consecutive special detailed inspections, depending on the inspection results.
A320-A-53-XX-1472-05001-311A-A Do a Phased Array Ultrasonic Technology Inspection of the External Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47	Procedure and flowchart updated to introduce optional GVIs between consecutive special detailed inspections, depending on the inspection results.
A320-A-53-XX-1472-06001-90AA-A Complete and Send the Inspection Report Sheet	New task created.
Task set A320-A-53-XX-1472-02000-93BB-A OPTION 2: Detailed Visual Inspection and HFEC Inspection of the Internal Skin on the LH and the RH Sides	
PROCEDURE	
A320-A-53-XX-1472-03001-311A-A Do a Detailed Visual Inspection for Primer/Paint Cracks and HFEC Inspection of the Internal Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47	Procedure and flowchart updated to introduce optional GVIs between consecutive special detailed inspections, depending on the inspection results.
A320-A-53-XX-1472-06001-311A-A Do a Detailed Visual Inspection for Primer/Paint Cracks and HFEC Inspection of the Internal Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47	Procedure and flowchart updated to introduce optional GVIs between consecutive special detailed inspections, depending on the inspection results.
A320-A-53-XX-1472-07001-90AA-A Complete	New task created.

and Send the Inspection Report Sheet	
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D. FILING INSTRUCTIONS

This Service Bulletin has been generated electronically and is reissued as a complete document. Replace the complete document.

Put this Revision Transmittal Sheet in front of the Service Bulletin.

E. HISTORY OF PREVIOUS REVISIONS

No previous revision

F. REVISION SEQUENCE

ORIGINAL: Dec 17/19

REVISION No. : 01 - Jul 17/20

ATA SYSTEM: 53

TITLE: FUSELAGE - CENTRAL FUSELAGE - INSPECTION FOR FUSELAGE SKIN CRACKS ABOVE LAP JOINT STRINGERS 6 LH AND RH BETWEEN FRAMES 35 AND 47
SUMMARY

This summary is for information only and is not approved for modification of the aircraft.

A. MODIFICATIONS

MODIFICATION CLASSIFICATION	
MAJOR	None
MINOR	None

NOTE: As per EASA IR 21, a minor change is one that has no appreciable effect on the mass, balance, structural strength, reliability, operational characteristics affecting the airworthiness of the product. All other changes are major changes.

B. REASON
(1) History

In 2014, a 170 mm crack was found on A320 aircraft between Frame 36 and Frame 37, just above the Stringer 6 lap joint Left Hand (LH) side. The crack propagated along the pocket radius and was unexpected. Then a second finding was reported in the same area during AOT A53N009-14 Rev01 inspection. Laboratory investigation outcomes are that detected cracks in primer painting were initiated before skin crack started and multiple cracks origins were found on the skin propagating from the inner to the outer skin side. Affected area corresponds to panel pocketing and lap joint geometry, more specifically cracks were found in the step of thickness along the chemical milled edge.

(2) Objective/Action

The objective of this Service Bulletin is to perform a special detailed inspection to detect potential cracks in section 15 chemical milled pocket step above Stringer 6 LH and Stringer 6 RH in upper skin panel from Frame 35 to Frame 47.

(3) Advantages

The accomplishment of this Service Bulletin will contribute to maintain the structural integrity of the center fuselage.

(4) Operational/Maintenance Consequences

None

C. GENERAL EVALUATION

EVALUATION TABLE			
COMPLIANCE	MANDATORY	COST SAVING	NO
A/C OPERATION AFFECTED	NO	VENDOR SB	NO
CANCELS INSPECTION SB	NO	ETOPS AFFECTED	NO
PAX COMFORT AFFECTED	NO	POTENTIAL AD	YES
RELIABILITY AFFECTED	NO	STRUCTURAL LIFE EXTENSION	NO
LIFE LIMIT	NO	LINE MAINTENANCE AFFECTED	NO

NOTE: Service Bulletin must be accomplished.

D. MAINTENANCE CONFIGURATION

No specific aircraft maintenance configuration required.

E. MATERIAL PRICE INFORMATION**(1) Do a Check of the AOT A53N009-14 Rev01 Effectivity**

- (a) Task set A320-A-53-XX-1472-04000-93BA-A Do a Check of the AOT A53N009-14 Rev01 Effectivity

No material

(2) Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

- (a) Task set A320-A-53-XX-1472-03000-93BA-A Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

No material

(3) Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

- (a) Task set A320-A-53-XX-1472-01000-93BA-A Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

No material

(4) Do a Special Detailed Inspection above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

- (a) Task set A320-A-53-XX-1472-02000-93BA-A OPTION 1: Phased Array Ultrasonic Technology Inspection of the External Skin on the LH and the RH Sides

No material

- (b) Task set A320-A-53-XX-1472-02000-93BB-A OPTION 2: Detailed Visual Inspection and HFEC Inspection of the Internal Skin on the LH and the RH Sides

No material

F. APPLICABILITY

This Service Bulletin is applicable to this (these) operator(s):

01N 03Q 06R 10N 11K 11X 13Y 14S 15S 15T 19R 20M 25P 26L 28M 29S 31V 32Q 36R 40N 41S 46L 46O 47P 49O 52K 52L 53Z 56O 59Z 60U 61W 68M 69X 72T 73W 76W 78X 80X 82M 82U 82W 83O 83Q 83V 85T 86P 86Z 87Q 89Q 96O 96U 98W 98X 99W AAL AAV AAY ABL ACA AFR AHY AIJ ALK AMV ART ARU ASA ASL AUA AVJ AXM AZA B2V BAW BEL BSX BUC CCM CES CFG CLH CQN CSN CTB CTN CWS CYP DAL DLH DNU EAF EDW EIN ELB ERN ETJ EWG EYZ F2I FIA FIN FRN G4I G8E GAF GBB GJT GSH GWI GWR HDA IAC IBE IBS IGO IND IRA IRB IRC ISR IZG JAD JAV JBU JBW KAC KKK LAN LBT LDM LFO LHT LMU LUR LVT LYX MAU MLD MMA MRJ MSR MXA MYX NKS NMA NVD OHY OTF OZW QAF QQE QSM QTR RIH RJA SAW SBI SDM SEK SFW SHJ SKU SOL SSG SSV SVR SWM SWR SYR T2R TAE TAI TAM TAP TAR TBZ TDR THY TNA U6A UAL VAW VJC VLG VOE VVC WHT WRC

G. CONCURRENT REQUIREMENTS

None

H. NATURE OF THE WORK

(1) Do a Check of the AOT A53N009-14 Rev01 Effectivity

- (a) Task set A320-A-53-XX-1472-04000-93BA-A Do a Check of the AOT A53N009-14 Rev01 Effectivity

AIRCRAFT	YES
EQUIPMENT	NO

(2) Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

- (a) Task set A320-A-53-XX-1472-03000-93BA-A Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

AIRCRAFT	YES
EQUIPMENT	NO

(3) Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

- (a) Task set A320-A-53-XX-1472-01000-93BA-A Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

AIRCRAFT	YES
EQUIPMENT	NO

(4) Do a Special Detailed Inspection above Stringer 6 from Frame 35 to Frame 47 on the LH and RH Sides

- (a) Task set A320-A-53-XX-1472-02000-93BA-A OPTION 1: Phased Array Ultrasonic Technology Inspection of the External Skin on the LH and the RH Sides

AIRCRAFT	YES
EQUIPMENT	NO

- (b) Task set A320-A-53-XX-1472-02000-93BB-A OPTION 2: Detailed Visual Inspection and HFEC Inspection of the Internal Skin on the LH and the RH Sides

AIRCRAFT	YES
EQUIPMENT	NO

I. MANPOWER

(1) Do a Check of the AOT A53N009-14 Rev01 Effectivity

- (a) Task set A320-A-53-XX-1472-04000-93BA-A Do a Check of the AOT A53N009-14 Rev01 Effectivity

MANPOWER	
TOTAL MAN-HOURS	0.25 h
ELAPSED TIME (HOURS)	0.25 h

(2) Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

- (a) Task set A320-A-53-XX-1472-03000-93BA-A Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

MANPOWER	
TOTAL MAN-HOURS	0.25 h
ELAPSED TIME (HOURS)	0.25 h

(3) Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

- (a) Task set A320-A-53-XX-1472-01000-93BA-A Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

MANPOWER	
TOTAL MAN-HOURS	3.00 h
ELAPSED TIME (HOURS)	2.00 h

(4) Do a Special Detailed Inspection above Stringer 6 from Frame 35 to Frame 47 on the LH and RH Sides

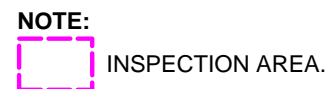
- (a) Task set A320-A-53-XX-1472-02000-93BA-A OPTION 1: Phased Array Ultrasonic Technology Inspection of the External Skin on the LH and the RH Sides

MANPOWER	
TOTAL MAN-HOURS	3.25 h
ELAPSED TIME (HOURS)	2.25 h

- (b) Task set A320-A-53-XX-1472-02000-93BB-A OPTION 2: Detailed Visual Inspection and HFEC Inspection of the Internal Skin on the LH and the RH Sides

MANPOWER	
TOTAL MAN-HOURS	29.25 h
ELAPSED TIME (HOURS)	11.25 h

A diagram of a yellow aircraft. A grey battery is mounted on the fuselage, labeled 'Z240'. A blue line connects the battery to a blue square labeled 'A' on the tail section.



A320-53-1472
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ATA SYSTEM: 53

TITLE: FUSELAGE - CENTRAL FUSELAGE - INSPECTION FOR FUSELAGE SKIN CRACKS ABOVE LAP JOINT STRINGERS 6 LH AND RH BETWEEN FRAMES 35 AND 47**1. PLANNING INFORMATION****A. APPLICABILITY****(1) Models****ON A/C 02035, 02059, 02071, 02081, 02100, 02750**

318-111

ON A/C 01599

318-112

ON A/C 00750, 00755, 00763, 00790, 00821, 00837, 00906, 00917, 00933, 00938, 00979, 00985, 00998, 01000, 01020, 01025, 01034, 01036, 01100, 01106, 01120, 01127, 01151, 01165, 01169, 01176, 01180, 01190, 01201, 01216, 01247, 01267, 01271, 01344, 01362, 01404, 01415, 01444, 01449, 01471, 01488, 01505, 01524, 01560, 01583, 01616, 01622, 01640, 01645, 01654, 01677, 01679, 01684, 01699, 02727, 02735, 02742, 02744

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ON A/C 00578, 00612, 00621, 00629, 00646, 00654, 00713, 00727, 00734, 00767, 00794, 00833, 00885, 00890, 00896, 00904, 00922, 00929, 00946, 00949, 00972, 00997, 01016, 01018, 01019, 01029, 01033, 01038, 01040, 01046, 01048, 01051, 01055, 01069, 01073, 01077, 01084, 01086, 01089, 01095, 01097, 01102, 01107, 01109, 01122, 01124, 01135, 01136, 01147, 01155, 01160, 01170, 01172, 01182, 01184, 01203, 01205, 01209, 01245, 01252, 01254, 01263, 01265, 01269, 01275, 01277, 01283, 01285, 01287, 01289, 01297, 01301, 01303, 01305, 01309, 01311, 01313, 01315, 01317, 01319, 01326, 01328, 01331, 01336, 01340, 01342, 01348, 01352, 01354, 01358, 01360, 01364, 01369, 01371, 01377, 01378, 01382, 01388, 01389, 01391, 01393, 01429, 01494, 01515, 01562, 01577, 01579, 01592, 01598, 01601, 01603, 01612, 01618, 01625, 01630, 01634, 01668, 01673, 01706, 02124, 02262, 02729, 02733, 02746

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ON A/C 00598, 00600, 00618, 00625, 00637, 00644, 00647, 00660

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ON A/C 00546, 00572, 00609, 00610, 00616, 00623, 00627, 00634, 00636, 00639, 00641, 00649, 00651, 00656, 00670, 00672, 00679, 00682, 00688, 00689, 00691, 00693-00695, 00697, 00700, 00711, 00717, 00719, 00721, 00723, 00728, 00729, 00732, 00736, 00738, 00740, 00742, 00744, 00752, 00757, 00769, 00773, 00779, 00785, 00800, 00813, 00817, 00829, 00831, 00840, 00845, 00853, 00860, 00869, 00875, 00880, 01058, 01062, 01071, 01078, 01090, 01091, 01126, 01129, 01131, 01149, 01164, 01167, 01191, 01230, 01249, 01324, 01325, 01346, 01392, 01414, 01434, 01453, 01456, 01479, 01483, 01498, 01501, 01520, 01543, 01549, 01567, 01570, 01582, 01659, 01662, 01683, 01685, 01693, 01709, 01714

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ON A/C 01002, 01157, 01485, 01541, 01551, 01556, 02748

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ON A/C 00686, 00690, 00748, 00759, 00783, 00788, 00798, 00804, 00825, 00843, 00847, 00850, 00858, 00862, 00867, 00871, 00873, 00882, 00893, 00898, 00944, 00948, 00952, 00965, 00980, 00989, 01022, 01031, 01082, 01115, 01118, 01142, 01193, 01197, 01211, 01222, 01225, 01232, 01236, 01239, 01243, 01258, 01261, 01279, 01291, 01295, 01321, 01329, 01338, 01380, 01384, 01401, 01420, 01423, 01426, 01440, 01445, 01460, 01466, 01474, 01477, 01507, 01510, 01513, 01522, 01529, 01537, 01545, 01558, 01569, 01573,

01574, 01581, 01585, 01590, 01594, 01600, 01604, 01606, 01627, 01647, 01649, 01653, 01664, 01671, 01688, 02694

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ON A/C 00889, 00913, 00924, 00931, 00976, 01010, 01043, 01049, 01056, 01064, 01066, 01088, 01111, 01116, 01140, 01159, 01178, 01223, 01228, 01281, 01323, 01350, 01373, 01375, 01395, 01397, 01406, 01410, 01463, 01490, 01527, 01534, 01547, 01552, 01563, 01565, 01576, 01643, 01703, 02089, 02723, 02738, 02739

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ON A/C 00910, 01053, 01212, 01256, 01335, 01468, 01589, 01656

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ON A/C 00029, 00059, 00068, 00070-00073, 00078, 00083-00086, 00093, 00094, 00104, 00109-00112, 00115-00118, 00121, 00122, 00124-00127, 00137, 00138, 00140-00142, 00148-00150, 00152-00154, 00157, 00159-00162, 00171, 00172, 00174, 00175, 00183, 00185, 00192, 00197, 00201-00203, 00205, 00206, 00208-00211, 00213, 00216-00220, 00229, 00231, 00232, 00237, 00239, 00242, 00248, 00253-00255, 00262, 00263, 00265, 00267-00269, 00272, 00273, 00277, 00281, 00282, 00284, 00285, 00287, 00290, 00293, 00297, 00298, 00300-00303, 00306, 00307, 00309, 00311, 00312, 00318, 00319, 00324, 00328-00330, 00341, 00342, 00346, 00370, 00371, 00378, 00382, 00390, 00400-00404, 00426, 00438, 00491, 00511, 00622, 00662, 00958, 00975, 01187, 01337, 01365, 01367, 01700

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ON A/C 00087, 00181, 00182, 00195, 00234, 00279, 00294, 00325, 00331, 00339, 00340, 00343, 00345, 00355, 00358, 00360, 00367, 00372, 00380, 00381, 00387, 00388, 00395, 00399, 00407-00410, 00417, 00418, 00420-00422, 00427, 00436, 00445, 00466, 00497, 00525, 00528, 00537, 00569, 00579, 00645, 00671, 00726, 00766, 00774, 00778, 00786, 00795, 00801, 00807, 00809, 00814, 00818, 00830, 00832, 00846, 00884, 00894, 00903, 00905, 00907, 00911, 00923, 00937, 00957, 00962, 00964, 00971, 00981, 00988, 00996, 01011, 01037, 01381, 01402, 01416, 01437, 01535, 01633, 01641, 01646

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ON A/C 00533, 00548, 00553, 00559, 00566, 00574, 00577, 00585, 00596, 00603, 00607, 00611, 00617, 00619, 00630, 00635, 00643, 00648, 00650, 00653, 00657, 00665, 00673, 00681, 00701, 00703, 00706, 00714, 00716, 00724, 00730, 00735, 00737, 00745, 00749, 00754, 00764, 00768, 00776, 00782, 00797, 00828, 00838, 00844, 00854, 00861, 00863, 00868, 00870, 00876, 00879, 00883, 00888, 00897, 00909, 00914, 00921, 00925, 00936, 00939, 00942, 00945, 00947, 00951, 00960, 00967, 00973, 00982, 00984, 00986, 00992, 00994, 00999, 01005, 01009, 01026, 01028, 01030, 01041, 01047, 01052, 01054, 01059, 01061, 01063, 01065, 01067, 01070, 01072, 01081, 01087, 01093, 01099, 01101, 01108, 01112, 01114, 01119, 01121, 01125, 01130, 01132, 01134, 01137, 01138, 01141, 01148, 01150, 01152, 01162, 01168, 01171, 01175, 01179, 01181, 01189, 01198, 01200, 01206, 01208, 01210, 01213, 01217, 01221, 01224, 01226, 01229, 01231, 01237, 01242, 01244, 01255, 01259, 01262, 01264, 01268, 01286, 01288, 01292, 01294, 01296, 01298, 01306, 01308, 01310, 01312, 01314, 01316, 01318, 01320, 01322, 01330, 01345, 01347, 01357, 01361, 01370, 01372, 01379, 01385, 01387, 01390, 01394, 01396, 01405, 01413, 01430, 01439, 01441, 01443, 01448, 01450, 01454, 01457, 01461, 01467, 01470, 01473, 01478, 01480, 01484, 01489, 01493, 01502, 01504, 01516, 01530, 01532, 01540, 01542, 01544, 01550, 01553, 01564, 01571, 01578, 01588, 01597, 01605, 01615, 01637, 01639, 01655, 01657, 01667, 01674, 01678, 01686, 01692, 01694, 02740, 02743, 02745, 02749

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ON A/C 00045, 00046, 00049-00057, 00064-00067, 00076, 00077, 00081, 00082, 00099, 00113, 00164-00166, 00168, 00169, 00178, 00194, 00198, 00230, 00243, 00249, 00251, 00252, 00256, 00259, 00260, 00275, 00276, 00291, 00292, 00296, 00308, 00314, 00316, 00317, 00320-00322, 00332, 00347, 00351, 00353, 00354, 00357, 00361, 00362, 00366, 00368, 00373, 00376, 00386, 00393, 00398, 00405, 00406, 00414-00416, 00423, 00424, 00428-00432, 00441, 00444, 00447, 00449, 00476, 00480, 00486, 00490, 00499

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ON A/C 00460, 00556, 00558, 00561, 00696, 00698, 00704, 00705, 00718, 00733, 00741, 00902, 00912, 00916, 00919, 01007, 01300, 01304, 01332, 01334, 01351, 01353, 01355, 01400, 01491, 01500, 01512, 01523, 01526, 01548, 01568, 01624, 01626

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CONF ALL

(2) Applicability by MSN

00029 00045 00046 00049-00057 00059 00064-00068 00070-00073 00076-00078
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00124-00127 00137 00138 00140-00142 00148-00150 00152-00154 00157 00159-
00162 00164-00166 00168 00169 00171 00172 00174 00175 00178 00181-00183
00185 00192 00194 00195 00197 00198 00201-00203 00205 00206 00208-00211
00213 00216-00220 00229-00232 00234 00237 00239 00242 00243 00248 00249
00251-00256 00259 00260 00262 00263 00265 00267-00269 00272 00273 00275-
00277 00279 00281 00282 00284 00285 00287 00290-00294 00296-00298 00300-
00303 00306-00309 00311 00312 00314 00316-00322 00324 00325 00328-00332
00339-00343 00345-00347 00351 00353-00355 00357 00358 00360-00362 00366-
00368 00370-00373 00376 00378 00380-00382 00386-00388 00390 00393 00395
00398-00410 00414-00418 00420-00424 00426-00432 00435 00436 00438 00439
00441 00442 00444 00445 00447-00450 00452 00454 00456 00457 00460 00462-
00466 00470 00472 00475 00476 00479 00480 00483 00485-00487 00489-00491
00496 00497 00499 00500 00503 00504 00506 00508 00510-00512 00523 00525
00527 00528 00530 00533 00537 00539 00540 00542 00543 00546 00548 00551
00553 00556 00558 00559 00561 00565 00566 00568 00569 00571-00575 00577-
00580 00582 00584 00585 00587 00589 00592 00596 00598 00600 00603 00607
00609-00613 00616-00619 00621-00623 00625 00627 00629 00630 00634-00639
00641 00643-00651 00653-00657 00659-00662 00665 00667 00670-00673 00678
00679 00681-00683 00686 00688-00691 00693-00698 00700-00706 00709 00711-
00714 00716-00724 00726-00730 00732-00738 00740-00745 00748-00752 00754-
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00809 00812-00814 00816-00818 00820-00822 00824-00826 00828-00834 00836-
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(3) MSN by configuration

MSN	CONFIGURATION
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MSN	CONFIGURATION
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00755 00756 00757 00758 00759 00760 00762 00763 00764	
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MSN	CONFIGURATION
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01714 02035 02059 02071 02081 02089 02100 02124 02262	
02694 02723 02724 02725 02727 02728 02729 02731 02732	
02733 02734 02735 02737 02738 02739 02740 02742 02743	
02744 02745 02746 02747 02748 02749 02750	

(4) Configuration definition

Configuration 001

CONF 001 is applicable for all the aircraft affected by this Service Bulletin as a standard configuration.

B. CONCURRENT REQUIREMENTS

None

C. REASON

(1) History

In 2014, a 170 mm crack was found on A320 aircraft between Frame 36 and Frame 37, just above the Stringer 6 lap joint Left Hand (LH) side. The crack propagated along the pocket radius and was unexpected. Then a second finding was reported in the same area during AOT A53N009-14 Rev01 inspection. Laboratory investigation outcomes are that detected cracks in primer painting were initiated before skin crack started and multiple cracks origins were found on the skin propagating from the inner to the outer skin side. Affected area corresponds to panel pocketing and lap joint geometry, more specifically cracks were found in the step of thickness along the chemical milled edge.

(2) Objective/Action

The objective of this Service Bulletin is to perform a special detailed inspection to detect potential cracks in section 15 chemical milled pocket step above Stringer 6 LH and Stringer 6 RH in upper skin panel from Frame 35 to Frame 47.

(3) Advantages

The accomplishment of this Service Bulletin will contribute to maintain the structural integrity of the center fuselage.

(4) Operational/Maintenance Consequences

None

D. DESCRIPTION

To accomplish this Service Bulletin it is necessary to:

(1) Do a Check of the AOT A53N009-14 Rev01 Effectivity

- (a) Task set A320-A-53-XX-1472-04000-93BA-A Do a Check of the AOT A53N009-14 Rev01 Effectivity

1 Do a Check of the AOT A53N009-14 Rev01 Effectivity

(2) Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

- (a) Task set A320-A-53-XX-1472-03000-93BA-A Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

1 Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

(3) Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

- (a) Task set A320-A-53-XX-1472-01000-93BA-A Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

- 1 Do an External GVI of the Fuselage Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47
- 2 Do an External GVI of the Fuselage Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47

(4) Do a Special Detailed Inspection above Stringer 6 from Frame 35 to Frame 47 on the LH and RH Sides

- (a) Task set A320-A-53-XX-1472-02000-93BA-A OPTION 1: Phased Array Ultrasonic Technology Inspection of the External Skin on the LH and the RH Sides
 - 1 Do a Phased Array Ultrasonic Technology Inspection of the External Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47
 - 2 Do a Phased Array Ultrasonic Technology Inspection of the External Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47
 - 3 Complete and Send the Inspection Report Sheet
- (b) Task set A320-A-53-XX-1472-02000-93BB-A OPTION 2: Detailed Visual Inspection and HFEC Inspection of the Internal Skin on the LH and the RH Sides
 - 1 Do a Detailed Visual Inspection for Primer/Paint Cracks and HFEC Inspection of the Internal Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47
 - 2 Do a Detailed Visual Inspection for Primer/Paint Cracks and HFEC Inspection of the Internal Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47
 - 3 Complete and Send the Inspection Report Sheet

E. COMPLIANCE

(1) Classification

MANDATORY: Service Bulletin must be accomplished.

(2) Accomplishment Timescale

Accomplishment of this Service Bulletin must be done at the threshold given in the table below.

This Service Bulletin has been classified Mandatory. It is expected that an Airworthiness Directive (AD) published by the European Aviation Safety Agency (EASA) will be issued to confirm this classification. It is anticipated that the AD will confirm the thresholds and intervals given but reference should be made to the AD for confirmation of the mandated accomplishment timescale.

Table 1, CONF 001 — Check of the AOT A53N009-14 Rev01 effectivity

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
All aircraft	Do a check of the Alert Operators Transmission (AOT) A53N009-14 Rev01 effectivity in accordance with Ref. Task set A320-A-	At 15000 Flight Cycles (FC) from Entry Into Services (EIS)	Within 2 month(s) from Inspection Service Bulletin (ISB) Rev01 release	None

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
	53-XX-1472-04ZZZ-93BZ-A			
If the aircraft is in the AOT effectivity	Do an external GVI or a special detailed inspection, depending on the FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB in accordance with Ref. Task set A320-A-53-XX-1472-03ZZZ-93BZ-A	Refer to Table 3	None	None
	OR			
	Do a special detailed inspection above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A. NOTE*	Refer to Table 4	Within 2500 FC from last AOT inspection	None
If the aircraft is not in the AOT effectivity	Do a check of the applicable Maintenance Planning Documents (MPD)s	Before next flight	Within 2 month(s) from ISB Rev01 release	None
If at least one of the MPD(s) (533133-01-5, 533133-01-7 and 533133-01-8) was (were) performed during the last 12 months	Do an external General Visual Inspection (GVI) of the fuselage skin above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance	Refer to Table 2	Within 2 month(s) from ISB Rev01 release or within 12 month(s) from the last MPD inspection, whichever occurs later	None

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
	with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A			
If no MPD (533133-01-5, 533133-01-7 and 533133-01-8) was performed during the last 12 months	Do an external GVI of the fuselage skin above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A	Refer to Table 2	Within 2 month(s) from ISB Rev01 release	None

NOTE*: Two options are possible to do the special detailed inspection: OPTION 1: Do a phased array ultrasonic technology inspection of the external skin on the LH and the RH sides or OPTION 2: Do a Detailed Visual Inspection for primer/paint cracks and a High Frequency Eddy Current (HFEC) inspection of the internal skin on the LH and the RH sides.

Table 2, CONF 001 — External General Visual Inspection (GVI) of the fuselage skin above stringer 6 from frame 35 to frame 47 on the LH and the RH sides

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
All aircraft	Do an external GVI of the fuselage skin above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A	None	Refer to Table 1. NOTE**	None
If any finding is found during the external GVI required through this ISB	Contact AIRBUS and follow their instructions	Before next flight	None	None
If no finding is found during the external GVI required through this ISB	Do an external GVI or a special detailed inspection, depending on the	Refer to Table 3	None	None

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
	FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB in accordance with Ref. Task set A320-A-53-XX-1472-03ZZZ-93BZ-A			
	OR		None	None
	Do a special detailed inspection above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A. NOTE*	Refer to Table 4	Within 12 month(s) from first external GVI required through this ISB	None

NOTE*: Two options are possible to do the special detailed inspection: OPTION 1: Do a phased array ultrasonic technology inspection of the external skin on the LH and the RH sides or OPTION 2: Do a Detailed Visual Inspection for primer/paint cracks and a High Frequency Eddy Current (HFEC) inspection of the internal skin on the LH and the RH sides.

NOTE**: Grace period corresponds to that indicated in table 1 for an external GVI.

Table 3, CONF 001 — Check of the FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
All aircraft	Do a check of the FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB	Before next flight	None	None

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
	in accordance with Ref. Task set A320-A-53-XX-1472-03ZZZ-93BZ-A. NOTE*			
At next planned inspection, if the A/C will exceed 5200 FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB	Do a special detailed inspection above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A. Refer to Table 4, for the related steps. NOTE**	Refer to Table 4	Without exceeding 5200FC accumulated since the last special detailed inspection (from this SB or AOT) or, only for A/C out of the AOT effectivity, since the first external GVI required through this ISB revision 01, whichever occurs first and without exceeding 3 years from ISB revision 01 release to do the first special detailed inspection	None
At next planned inspection if the A/C will remain within 5200 FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB	Do an external GVI of the fuselage skin above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A	None	Within 1300 FC from last AOT inspection or from last external GVI required through this ISB and without exceeding 3 years from ISB Rev01 release to do the first special detailed inspection	None
At next planned inspection if the A/C will remain within 5200 FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first	Contact AIRBUS and follow their instructions	Before next flight	None	None

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
external GVI required through this ISB and any finding is found during the last external GVI				
At next planned inspection if the A/C will remain within 5200 FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB and no finding is found during the last external GVI	Repeat the check of the FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB in accordance with Ref. Task set A320-A-53-XX-1472-03ZZZ-93BZ-A	None	None	1300 FC from last external GVI required in this ISB
	OR			
	Do a special detailed inspection above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A. Refer to Table 4, for the related steps. NOTE**	None	None	1300 FC from last external GVI required in this ISB

NOTE*: Depending on the type of inspection, the repetitive interval is different. 1300 FC after external GVI and 2500 FC after special detailed inspection.

NOTE**: Two options are possible to do the special detailed inspection: OPTION 1: Do a phased array ultrasonic technology inspection of the external skin on the LH and the RH sides or OPTION 2: Do a Detailed Visual Inspection for primer/paint cracks and a High Frequency Eddy Current (HFEC) inspection of the internal skin on the LH and the RH sides.

Table 4, CONF 001 — Special detailed inspection above stringer 6 from frame 35 to frame 47 on the LH and the RH sides

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
All aircraft	Do a special detailed inspection above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A. NOTE*	None	NOTE**	NOTE**
If any finding is found	Contact AIRBUS and follow their instructions	Before next flight	None	None
If no finding is found	Complete and send the inspection report sheet, only for the first special detailed inspection, in accordance with Ref. Task A320-A-53-XX-1472-06ZZZ-90AZ-A AND. NOTE***	None	None	None
	Repeat the special detailed inspection above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A	None	None	2500 FC from last special detailed inspection done through this SB.
	OR			
	Complete and send the inspection report sheet, only for the first special detailed inspection, in accordance with Ref. Task A320-A-53-XX-1472-	None	None	None

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
	06ZZZ-90AZ-A AND. NOTE***			
	Do an external GVI of the fuselage skin above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A	None	None	2500 FC from last special detailed inspection done through this SB.
If any finding is found during the last external GVI	Contact AIRBUS and follow their instructions	Before next flight	None	None
If no finding is found during the last external GVI	Do a special detailed inspection above stringer 6 from frame 35 to frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A. Refer to Table 4 for the related steps	None	None	1300 FC from last external GVI required in this ISB without exceeding 5200 FC from last SDI
	OR			
	Do external GVI or a special detailed inspection, depending on the FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB in accordance with Ref. Task set A320-A-53-XX-1472-03ZZZ-	None	None	1300 FC from last external GVI required in this ISB

CONDITIONS	ACTION	COMPLIANCE TIME		REPETITIVE INTERVAL
		THRESHOLD	GRACE PERIOD	
	93BZ-A. Refer to Table 3, for the related steps			

NOTE*: Two options are possible to do the special detailed inspection: OPTION 1: Do a phased array ultrasonic technology inspection of the external skin on the LH and the RH sides or OPTION 2: Do a Detailed Visual Inspection for primer/paint cracks and a High Frequency Eddy Current (HFEC) inspection of the internal skin on the LH and the RH sides.

NOTE**: Grace period and repetitive interval corresponds to that indicated in the table 1, table 2 or table 3 for the Special Detailed Inspection.

NOTE***: To send the Inspection Report sheet is Required only for Compliance (RC) for the first special detailed inspection performed.

F. **APPROVAL**

The technical content of this document is approved under the authority of Design Organisation Approval No. EASA.21J.031.

If an aircraft listed in the applicability has a modification or repair embodied that is not of AIRBUS origin, and which affects the content of this Service Bulletin, the operator is responsible for obtaining approval by its airworthiness authority for any adaptation necessary before incorporation of the Service Bulletin.

G. **MANPOWER**

The manpower estimates given in this Service Bulletin are based on the direct labor cost to do the work. These estimates assume that the work will be done by experienced personnel, and may need to be revised upwards to suit operator's circumstances. The estimates do not include the time to prepare, plan or inspect the work. Manufacture and procurement of parts and tools, drying times for paints, sealants, etc., and general administration work are also not included.

(1) **Do a Check of the AOT A53N009-14 Rev01 Effectivity**

- (a) Task set A320-A-53-XX-1472-04000-93BA-A Do a Check of the AOT A53N009-14 Rev01 Effectivity

PREPARATION		
None		
PROCEDURE		
Do a Check of the AOT A53N009-14 Rev01 Effectivity	0.25 h	
PREPARATION FOR TEST		
None		
TEST		
None		
CLOSE-UP		
None		
TOTAL MAN-HOURS	0.25 h	
ELAPSED TIME (HOURS)	0.25 h	

(2) Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

- (a) Task set A320-A-53-XX-1472-03000-93BA-A Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

PREPARATION		
None		
PROCEDURE		
Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB	0.25 h	
PREPARATION FOR TEST		
None		
TEST		
None		
CLOSE-UP		
None		
TOTAL MAN-HOURS	0.25 h	
ELAPSED TIME (HOURS)	0.25 h	

(3) Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

- (a) Task set A320-A-53-XX-1472-01000-93BA-A Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

PREPARATION		
Job Set-up	0.50 h	
PROCEDURE		
Do an External GVI of the Fuselage Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47	1.00 h	
Do an External GVI of the Fuselage Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47	1.00 h	
PREPARATION FOR TEST		
None		
TEST		
None		
CLOSE-UP		
Close-up	0.50 h	
TOTAL MAN-HOURS	3.00 h	
ELAPSED TIME (HOURS)	2.00 h	

NOTE: The minimum man-hours necessary to accomplish this Service Bulletin are those for the Inspection. Depending on the inspection result, additional man-hours can apply.

(4) Do a Special Detailed Inspection above Stringer 6 from Frame 35 to Frame 47 on the LH and RH Sides

- (a) Task set A320-A-53-XX-1472-02000-93BA-A OPTION 1: Phased Array Ultrasonic Technology Inspection of the External Skin on the LH and the RH Sides

PREPARATION		
Job Set-up	0.50 h	
PROCEDURE		
Do a Phased Array Ultrasonic Technology Inspection of the External Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47	1.00 h	
Do a Phased Array Ultrasonic Technology Inspection of the External Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47	1.00 h	
Complete and Send the Inspection Report Sheet	0.25 h	
PREPARATION FOR TEST		
None		
TEST		
None		
CLOSE-UP		
Close-up	0.50 h	
TOTAL MAN-HOURS	3.25 h	
ELAPSED TIME (HOURS)	2.25 h	

NOTE: The minimum man-hours necessary to accomplish this Service Bulletin are those for the Inspection. Depending on the inspection result, additional man-hours can apply.

- (b) Task set A320-A-53-XX-1472-02000-93BB-A OPTION 2: Detailed Visual Inspection and HFEC Inspection of the Internal Skin on the LH and the RH Sides

PREPARATION		
Job Set-up	12.00 h	
PROCEDURE		
Do a Detailed Visual Inspection for Primer/Paint Cracks and HFEC Inspection of the Internal Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47	1.00 h	
Do a Detailed Visual Inspection for Primer/Paint Cracks and HFEC Inspection of the Internal Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47	1.00 h	
Complete and Send the Inspection Report Sheet	0.25 h	
PREPARATION FOR TEST		
None		
TEST		
None		
CLOSE-UP		
Close-up	15.00 h	
TOTAL MAN-HOURS	29.25 h	
ELAPSED TIME (HOURS)	11.25 h	

NOTE: The minimum man-hours necessary to accomplish this Service Bulletin are those for the Inspection. Depending on the inspection result, additional man-hours can apply.

H. **WEIGHT AND BALANCE**

Not changed

I. **ELECTRICAL LOAD DATA**

Not changed

J. **REFERENCES**

(1) Do a Check of the AOT A53N009-14 Rev01 Effectivity

- (a) Task set A320-A-53-XX-1472-04000-93BA-A Do a Check of the AOT A53N009-14 Rev01 Effectivity

ALL OPERATORS TRANSMISSION (AOT)	
A53N009-14	A53N009-14-00
A53N009-14-01	
ELECTRICAL STANDARD PRACTICES MANUAL (ESPM)	
20-55-00	
MAINTENANCE PLANNING DOCUMENT (MPD)	
Task 533133-01	
TECHNICAL FOLLOW UP (TFU)	
53.30.00.005	

(2) Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

- (a) Task set A320-A-53-XX-1472-03000-93BA-A Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

ALL OPERATORS TRANSMISSION (AOT)	
A53N009-14-00	A53N009-14-01
ELECTRICAL STANDARD PRACTICES MANUAL (ESPM)	
20-55-00	
TECHNICAL FOLLOW UP (TFU)	
53.30.00.005	

(3) Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

- (a) Task set A320-A-53-XX-1472-01000-93BA-A Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

AIRCRAFT MAINTENANCE MANUAL (AMM)	
06-20-00, Page Block 001	06-31-53, Page Block 001

AIRCRAFT MAINTENANCE MANUAL (AMM)	
Task 12-34-24-869-002	

ALL OPERATORS TRANSMISSION (AOT)	
A53N009-14-00	A53N009-14-01

ELECTRICAL STANDARD PRACTICES MANUAL (ESPM)	
20-55-00	

NON DESTRUCTIVE TEST MANUAL (NTM)	
51-90-00	

TECHNICAL FOLLOW UP (TFU)	
53.30.00.005	

(4) Do a Special Detailed Inspection above Stringer 6 from Frame 35 to Frame 47 on the LH and RH Sides

- (a) Task set A320-A-53-XX-1472-02000-93BA-A OPTION 1: Phased Array Ultrasonic Technology Inspection of the External Skin on the LH and the RH Sides

AIRCRAFT MAINTENANCE MANUAL (AMM)	
06-20-00, Page Block 001	06-31-53, Page Block 001
Task 12-34-24-869-002	

ALL OPERATORS TRANSMISSION (AOT)	
A53N009-14-00	A53N009-14-01

ELECTRICAL STANDARD PRACTICES MANUAL (ESPM)	
20-55-00	

IN SERVICE INFORMATION (ISI)	
00.00.00179	

NON DESTRUCTIVE TEST MANUAL (NTM)	
51-10-31	

STRUCTURAL REPAIR MANUAL (SRM)	
51-75-12	

TECHNICAL FOLLOW UP (TFU)	
53.30.00.005	

- (b) Task set A320-A-53-XX-1472-02000-93BB-A OPTION 2: Detailed Visual Inspection and HFEC Inspection of the Internal Skin on the LH and the RH Sides

AIRCRAFT MAINTENANCE MANUAL (AMM)	
Task 05-22-40-200-003	06-20-00, Page Block 001
06-31-53, Page Block 001	Task 12-34-24-869-002

ALL OPERATORS TRANSMISSION (AOT)	
A53N009-14-00	A53N009-14-01
ELECTRICAL STANDARD PRACTICES MANUAL (ESPM)	
20-55-00	
IN SERVICE INFORMATION (ISI)	
00.00.00179	
NON DESTRUCTIVE TEST MANUAL (NTM)	
51-10-08	51-90-00
TECHNICAL FOLLOW UP (TFU)	
53.30.00.005	

K. PUBLICATION AFFECTED

None

L. INDUSTRY SUPPORT INFORMATION

AIRBUS will not provide industry support for accomplishment of this Service Bulletin.

This Service Bulletin is the subject of an AIRBUS monitored retrofit campaign.

For the organization of this retrofit, you are kindly requested to contact AIRBUS retrofit management department: monitored.retrofit@airbus.com.

2. MATERIAL INFORMATION
A. MATERIAL APPLICABILITY

No material for task set A320-A-53-XX-1472-04000-93BA-A Do a Check of the AOT A53N009-14 Rev01 Effectivity

No material for task set A320-A-53-XX-1472-03000-93BA-A Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

No material for task set A320-A-53-XX-1472-01000-93BA-A Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

Material for task set A320-A-53-XX-1472-02000-93BA-A OPTION 1: Phased Array Ultrasonic Technology Inspection of the External Skin on the LH and the RH Sides

MATERIAL	QTY	SEE NOTES
Referenced tools	See SB	

Material for task set A320-A-53-XX-1472-02000-93BB-A OPTION 2: Detailed Visual Inspection and HFEC Inspection of the Internal Skin on the LH and the RH Sides

MATERIAL	QTY	SEE NOTES
Referenced tools	See SB	

B. TOOLING

Referenced tools for task set A320-A-53-XX-1472-02000-93BA-A OPTION 1: Phased Array Ultrasonic Technology Inspection of the External Skin on the LH and the RH Sides

To accomplish this Service Bulletin it is necessary to use the tools listed in the subsequent referenced tasks:

Ref. NTM 51-10-31

Referenced tools for task set A320-A-53-XX-1472-02000-93BB-A OPTION 2: Detailed Visual Inspection and HFEC Inspection of the Internal Skin on the LH and the RH Sides

To accomplish this Service Bulletin it is necessary to use the tools listed in the subsequent referenced tasks:

Ref. NTM 51-10-08

C. CONSUMABLES

No consumables

D. LIST OF NEW PARTS

No parts

E. LIST OF EXISTING PARTS

No parts

3. **ACCOMPLISHMENT INSTRUCTIONS**

Task set A320-A-53-XX-1472-04000-93BA-A

Do a Check of the AOT A53N009-14 Rev01 Effectivity

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS INCLUDED IN THE REFERENCED PROCEDURES.

CAUTION: ALWAYS OBEY THE PRECAUTIONS THAT FOLLOW TO KEEP ELECTRICAL WIRING IN A SATISFACTORY CONDITION (ELECTRICALLY AND MECHANICALLY SERVICEABLE). WHEN YOU DO MAINTENANCE WORK, REPAIRS OR MODIFICATIONS, ALWAYS KEEP ELECTRICAL WIRING, COMPONENTS AND THE WORK AREA AS CLEAN AS POSSIBLE. TO DO THIS:

- **PUT PROTECTION, SUCH AS PLASTIC SHEETING, CLOTHS, ETC., AS NECESSARY ON WIRING AND COMPONENTS.**
- **REGULARLY REMOVE ALL SHAVINGS, UNWANTED MATERIAL AND OTHER CONTAMINATION.**

**THESE PRECAUTIONS WILL DECREASE THE RISK OF CONTAMINATION AND DAMAGE TO THE ELECTRICAL WIRING INSTALLATION.
IF THERE IS CONTAMINATION, REFER TO Ref. ESPM 20-55-00.**

NOTE: The accomplishment instructions of this Service Bulletin include procedures given in other documents or in other sections of the Service Bulletin. When the words "refer to" are used and the operator has a procedure accepted by the local authority he belongs to, the accepted alternative procedure can be used. When the words "in accordance with" are used then the given procedure must be followed.

NOTE: The access and close-up instructions, not comprising return to service tests, in this Service Bulletin do not constitute or affect the technical intent of the Service Bulletin. Operators can therefore, as deemed necessary, omit or add access and/or close-up steps to add flexibility to their maintenance operations as long as the technical intent of the Service Bulletin is met within the set parameters.

NOTE: Manual titles given in the accomplishment instructions are referred to by acronyms. Refer to paragraph 1.J., References, for the definition of acronyms.

NOTE: The purpose of flowcharts is to supplement the information given in the Procedure and Compliance paragraphs and not to serve as the primary source for tasks or compliance times given in this Service Bulletin.

NOTE: This Service Bulletin is classified mandatory or expected to be classified mandatory by an Airworthiness Directive (AD). The paragraphs 3.C. and 3.E. in these accomplishment instructions are Required for Compliance (RC) and must be done to comply with the AD. To allow more flexibility, the rule "refer to" and "in accordance with" will apply to these paragraphs 3.C. and 3.E. Other paragraphs are recommended and may be deviated from, done as part of other actions or done with accepted methods different from those given in the Service Bulletin, as long as the RC paragraphs can be done and the aircraft can be put back into a serviceable condition.

NOTE: This Service Bulletin contains the instructions for the on-aircraft maintenance necessary to ensure the continued airworthiness of the aircraft.
For any deviations to the instructions, including RC paragraph contained herein, contact AIRBUS for further instructions and approval.

A. TASK SET ASSOCIATED INFORMATION

Task Manpower

TOTAL MAN-HOURS	0.25 h
ELAPSED TIME (HOURS)	0.25 h

B. PREPARATION

None

C. PROCEDURE

(1) Task A320-A-53-XX-1472-01001-300A-A - Do a Check of the AOT A53N009-14 Rev01 Effectivity

Job Set-Up Information

Manpower/Resources/Skills

Man-hours	0.25 h
Minimum Number of person	1
Elapsed Time	0.25 h

Referenced Information

Manuals/Drawings	References/Sheets
AOT	A53N009-14
MPD	Task 533133-01

Procedure

- (a) In accordance with the threshold given in the PLANNING INFORMATION paragraph E.(2):
Do a check of the Ref. AOT A53N009-14 Rev01 effectivity using the applicable aircraft maintenance records, refer to Ref. Fig. Flowchart (Check of the AOT Effectivity).
 - 1 If the aircraft is in the AOT effectivity:
 - a Do an external GVI or a special detailed inspection, depending on the FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB in accordance with Ref. Task set A320-A-53-XX-1472-03ZZZ-93BZ-A.
OR
 - b Do a special detailed inspection above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A.

NOTE: There are 2 options for the special detailed inspection:
phased array ultrasonic technology inspection of the external skin or detailed visual inspection for primer/paint cracks and HFEC inspection of the internal skin.
 - 2 If the aircraft is not in the AOT effectivity:
 - a Do a check of the Ref. MPD Task 533133-01 (MPD 533133-01-5, MPD 533133-01-7 and MPD 533133-01-8):
 - <1> If at least one of the MPDs was performed during the last 12 months:
 - <a> Do an external GVI of the fuselage skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A.

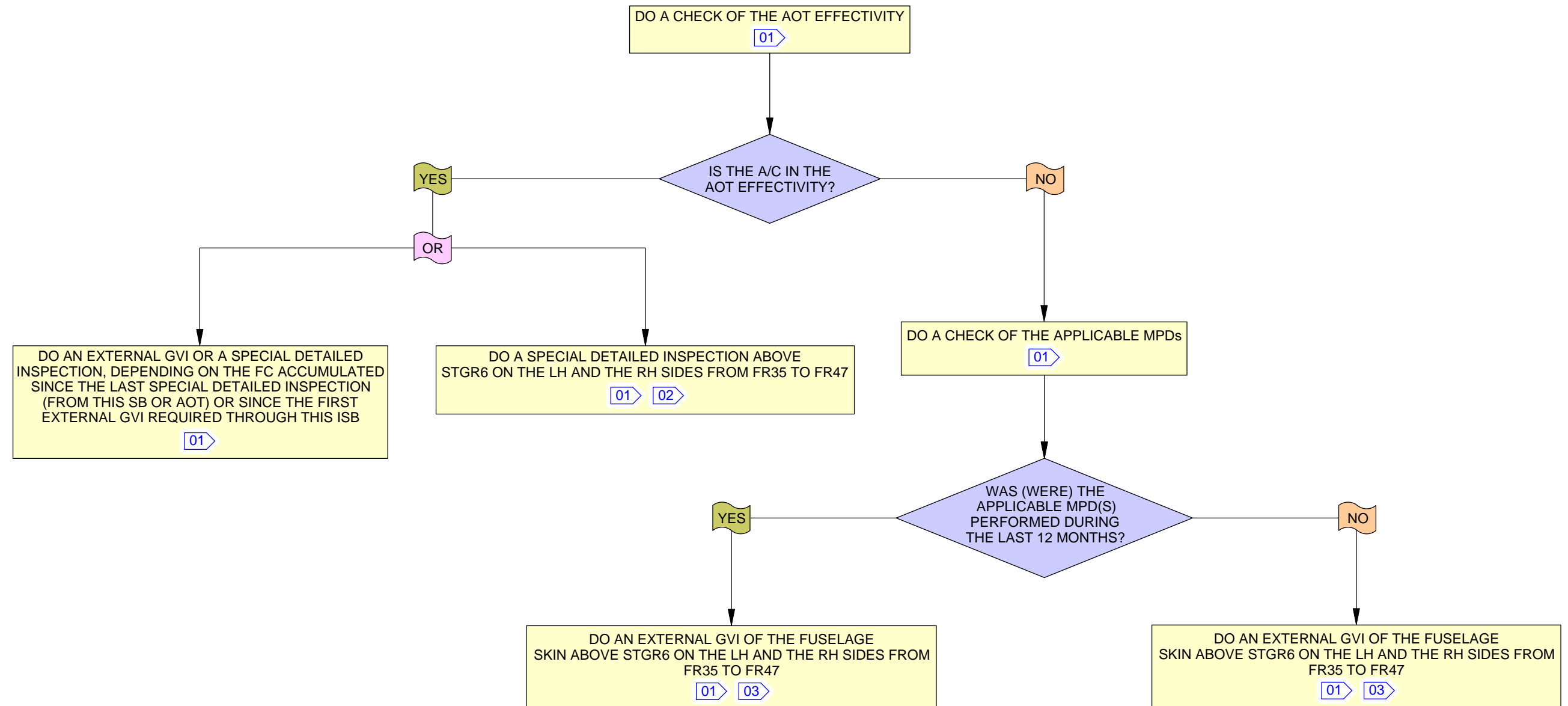
NOTE: Compliance time will be different if any of the MPD task listed above has been performed.

<2> If no MPD was performed during the last 12 months:

<a> Do an external GVI of the fuselage skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A.

NOTE: Compliance time will be different if any of the MPD task listed above has been performed.

CONF ALL



NOTE:

THE PURPOSE OF FLOW CHARTS IS TO SUPPLEMENT THE INFORMATION GIVEN IN THE PROCEDURE AND COMPLIANCE PARAGRAPHS AND NOT TO SERVE AS THE PRIMARY SOURCE FOR TASKS OR COMPLIANCE TIMES GIVEN IN THIS SERVICE BULLETIN.

01 FOR THE ACCOMPLISHMENT TIMESCALE, REFER TO PARAGRAPH 1.E. (2).

02 THERE ARE 2 OPTIONS FOR THE SPECIAL DETAILED INSPECTION: PHASED ARRAY ULTRASONIC TECHNOLOGY INSPECTION OF THE EXTERNAL SKIN OR DETAILED INSPECTION AND HFEC INSPECTION OF THE INTERNAL SKIN.

03 COMPLIANCE TIME WILL BE DIFFERENT IF ANY OF THE APPLICABLE MPD(S) HAS(HAVE) BEEN PERFORMED.

ICN-A320-A-53XX1472-A-FAPE3-01LWO-A-005-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01LWO-A-005-01 SHEET 1/1

D. PREPARATION FOR TEST

None

E. TEST

None

F. CLOSE-UP

None

G. ADMINISTRATIVE**(1) Task A320-A-53-XX-1472-01001-90AA-A - Administrative****Procedure**

Confirm in the applicable aircraft records that you have completed all the work defined in this Service Bulletin task set as required.

Task set A320-A-53-XX-1472-03000-93BA-A

Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS INCLUDED IN THE REFERENCED PROCEDURES.

CAUTION: ALWAYS OBEY THE PRECAUTIONS THAT FOLLOW TO KEEP ELECTRICAL WIRING IN A SATISFACTORY CONDITION (ELECTRICALLY AND MECHANICALLY SERVICEABLE). WHEN YOU DO MAINTENANCE WORK, REPAIRS OR MODIFICATIONS, ALWAYS KEEP ELECTRICAL WIRING, COMPONENTS AND THE WORK AREA AS CLEAN AS POSSIBLE. TO DO THIS:

- **PUT PROTECTION, SUCH AS PLASTIC SHEETING, CLOTHS, ETC., AS NECESSARY ON WIRING AND COMPONENTS.**
- **REGULARLY REMOVE ALL SHAVINGS, UNWANTED MATERIAL AND OTHER CONTAMINATION.**

**THESE PRECAUTIONS WILL DECREASE THE RISK OF CONTAMINATION AND DAMAGE TO THE ELECTRICAL WIRING INSTALLATION.
IF THERE IS CONTAMINATION, REFER TO Ref. ESPM 20-55-00.**

NOTE: The accomplishment instructions of this Service Bulletin include procedures given in other documents or in other sections of the Service Bulletin. When the words "refer to" are used and the operator has a procedure accepted by the local authority he belongs to, the accepted alternative procedure can be used. When the words "in accordance with" are used then the given procedure must be followed.

NOTE: The access and close-up instructions, not comprising return to service tests, in this Service Bulletin do not constitute or affect the technical intent of the Service Bulletin. Operators can therefore, as deemed necessary, omit or add access and/or close-up steps to add flexibility to their maintenance operations as long as the technical intent of the Service Bulletin is met within the set parameters.

NOTE: Manual titles given in the accomplishment instructions are referred to by acronyms. Refer to paragraph 1.J., References, for the definition of acronyms.

NOTE: The purpose of flowcharts is to supplement the information given in the Procedure and Compliance paragraphs and not to serve as the primary source for tasks or compliance times given in this Service Bulletin.

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NOTE: This Service Bulletin contains the instructions for the on-aircraft maintenance necessary to ensure the continued airworthiness of the aircraft.
For any deviations to the instructions, including RC paragraph contained herein, contact AIRBUS for further instructions and approval.

A. **TASK SET ASSOCIATED INFORMATION**

Task Manpower

TOTAL MAN-HOURS	0.25 h
ELAPSED TIME (HOURS)	0.25 h

B. PREPARATION

None

C. PROCEDURE

- (1) Task A320-A-53-XX-1472-02001-300A-A - Do a Check of the FC accumulated since the Last Special Detailed Inspection (from this SB or AOT) or since the first External GVI required through this ISB**

Job Set-Up Information

Manpower/Resources/Skills

Man-hours	0.25 h
Minimum Number of person	1
Elapsed Time	0.25 h

Procedure

- (a) In accordance with the threshold given in the PLANNING INFORMATION paragraph E.(2):
Do a check of the FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB, refer to Ref. Fig. Flow Chart (Check of the FC Performed).

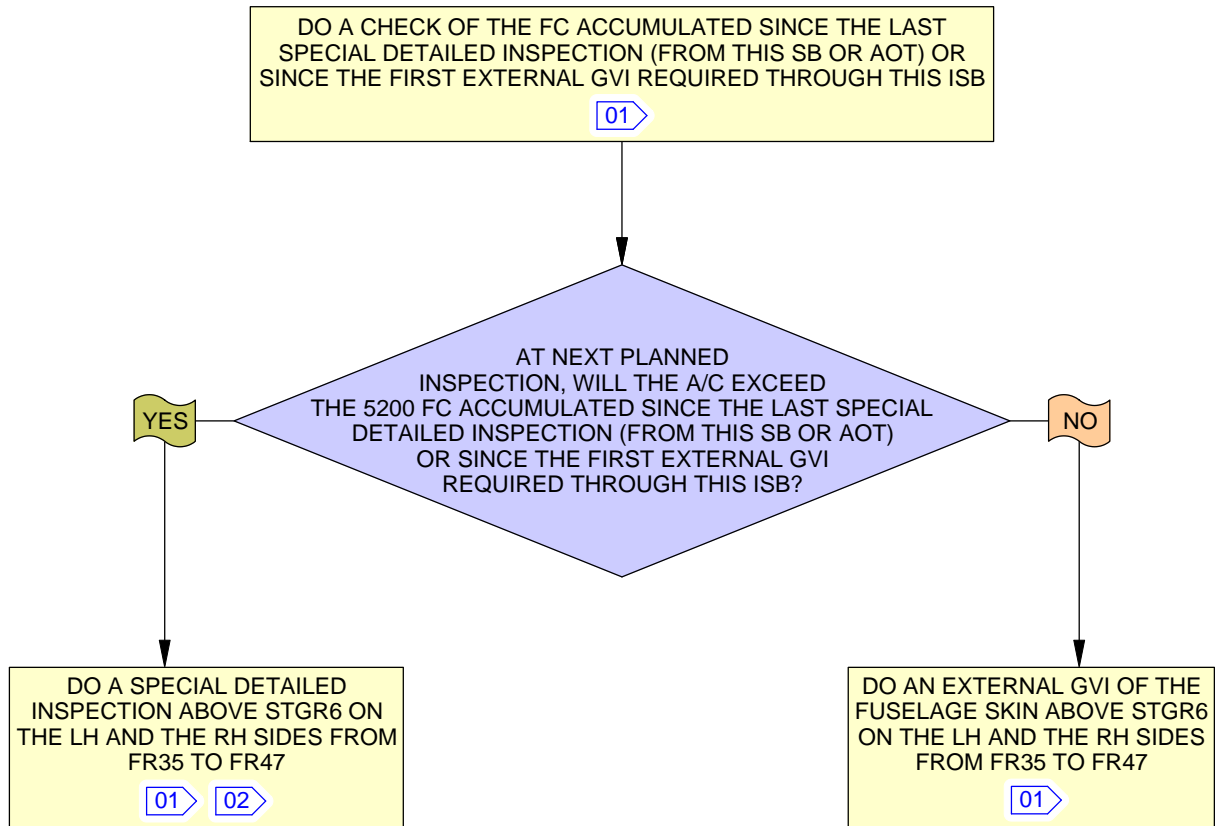
NOTE: Depending on the type of inspection, the repetitive interval is different. 1300 FC after external GVI and 2500 FC after special detailed inspection.

- 1 At next planned inspection, if the A/C will exceed 5200 FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB:
- a Do a special detailed inspection above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A.

NOTE: There are 2 options for the special detailed inspection:
phased array ultrasonic technology inspection of the external skin or detailed visual inspection for primer/paint cracks and HFEC inspection of the internal skin.

- 2 At next planned inspection if the A/C will remain within 5200 FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB:
- a Do an external GVI of the fuselage skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH sides in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A.

CONF ALL



NOTE:

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01 FOR THE ACCOMPLISHMENT TIMESCALE, REFER TO PARAGRAPH 1.E.(2).

02 THERE ARE 2 OPTIONS FOR THE SPECIAL DETAILED INSPECTION:
PHASED ARRAY ULTRASONIC TECHNOLOGY INSPECTION OF THE EXTERNAL SKIN OR DETAILED INSPECTION AND HFEC INSPECTION OF THE INTERNAL SKIN.

ICN-A320-A-53XX1472-A-FAPE3-01ZUE-A-004-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01ZUE-A-004-01 SHEET 1/1

D. PREPARATION FOR TEST

None

E. TEST

None

F. CLOSE-UP

None

G. ADMINISTRATIVE**(1) Task A320-A-53-XX-1472-08001-90AA-A - Administrative****Procedure**

Confirm in the applicable aircraft records that you have completed all the work defined in this Service Bulletin task set as required.

Task set A320-A-53-XX-1472-01000-93BA-A

Do an External GVI of the Fuselage Skin above Stringer 6 from Frame 35 to Frame 47 on the LH and the RH Sides

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS INCLUDED IN THE REFERENCED PROCEDURES.

CAUTION: ALWAYS OBEY THE PRECAUTIONS THAT FOLLOW TO KEEP ELECTRICAL WIRING IN A SATISFACTORY CONDITION (ELECTRICALLY AND MECHANICALLY SERVICEABLE). WHEN YOU DO MAINTENANCE WORK, REPAIRS OR MODIFICATIONS, ALWAYS KEEP ELECTRICAL WIRING, COMPONENTS AND THE WORK AREA AS CLEAN AS POSSIBLE. TO DO THIS:

- **PUT PROTECTION, SUCH AS PLASTIC SHEETING, CLOTHS, ETC., AS NECESSARY ON WIRING AND COMPONENTS.**
- **REGULARLY REMOVE ALL SHAVINGS, UNWANTED MATERIAL AND OTHER CONTAMINATION.**

**THESE PRECAUTIONS WILL DECREASE THE RISK OF CONTAMINATION AND DAMAGE TO THE ELECTRICAL WIRING INSTALLATION.
IF THERE IS CONTAMINATION, REFER TO Ref. ESPM 20-55-00.**

NOTE: The accomplishment instructions of this Service Bulletin include procedures given in other documents or in other sections of the Service Bulletin. When the words "refer to" are used and the operator has a procedure accepted by the local authority he belongs to, the accepted alternative procedure can be used. When the words "in accordance with" are used then the given procedure must be followed.

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NOTE: Manual titles given in the accomplishment instructions are referred to by acronyms. Refer to paragraph 1.J., References, for the definition of acronyms.

NOTE: The purpose of flowcharts is to supplement the information given in the Procedure and Compliance paragraphs and not to serve as the primary source for tasks or compliance times given in this Service Bulletin.

NOTE: This Service Bulletin is classified mandatory or expected to be classified mandatory by an Airworthiness Directive (AD). The paragraphs 3.C. and 3.E. in these accomplishment instructions are Required for Compliance (RC) and must be done to comply with the AD. To allow more flexibility, the rule "refer to" and "in accordance with" will apply to these paragraphs 3.C. and 3.E. Other paragraphs are recommended and may be deviated from, done as part of other actions or done with accepted methods different from those given in the Service Bulletin, as long as the RC paragraphs can be done and the aircraft can be put back into a serviceable condition.

NOTE: This Service Bulletin contains the instructions for the on-aircraft maintenance necessary to ensure the continued airworthiness of the aircraft.
For any deviations to the instructions, including RC paragraph contained herein, contact AIRBUS for further instructions and approval.

A. **TASK SET ASSOCIATED INFORMATION**

Task Manpower

TOTAL MAN-HOURS	3.00 h
ELAPSED TIME (HOURS)	2.00 h

B. PREPARATION
(1) Task A320-A-53-XX-1472-01001-540A-A - Job Set-up
Job Set-Up Information
Manpower/Resources/Skills

Man-hours	0.50 h
Minimum Number of person	1
Elapsed Time	0.50 h

Referenced Information

Manuals/Drawings	References/Sheets
AMM	Task 12-34-24-869-002

Procedure

NOTE: For the basic Aircraft configuration, refer to AMM Chapter "Introduction - Aircraft status for maintenance" in Manual Front Matter section.

- (a) Make sure that the aircraft is electrically grounded, refer to Ref. AMM Task 12-34-24-869-002.
- (b) Put an access platform in position at Zone 240 on the LH and on the RH sides.

C. PROCEDURE
(1) Task A320-A-53-XX-1472-01001-311A-A - Do an External GVI of the Fuselage Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47

CAUTION: CONTACT AIRBUS IN CASE OF EXISTING REPAIR IN THE INSPECTION AREA.

Job Set-Up Information
Working Area

Impacted Zone	Access / Work Location	
240	Work location	From Frame 35 to Frame 47 Stringer 6 LH

Manpower/Resources/Skills

Man-hours	1.00 h
Minimum Number of person	1
Elapsed Time	1.00 h
Skills	Airframe

Referenced Information

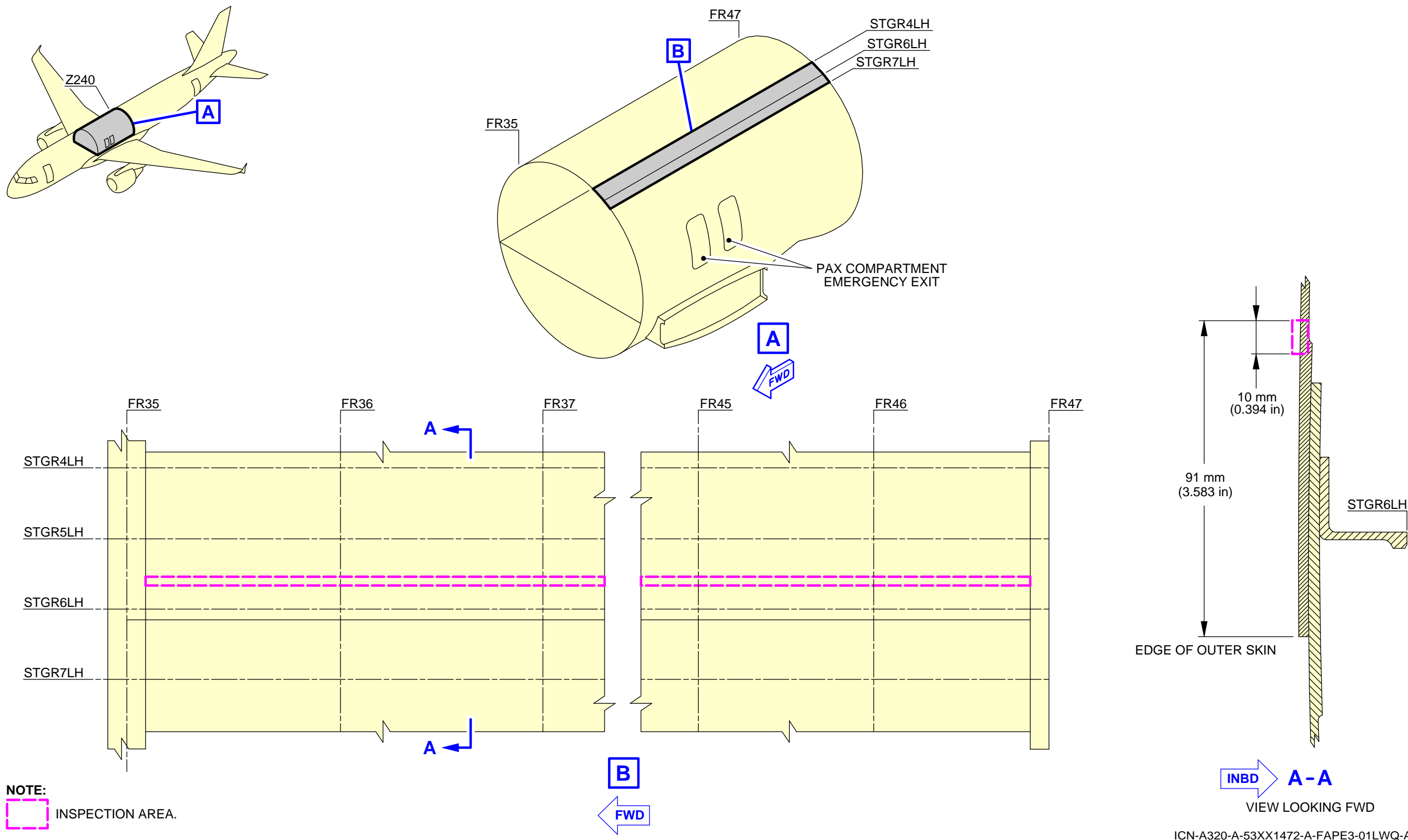
Manuals/Drawings	References/Sheets
AMM	06-20-00, Page Block 001 06-31-53, Page Block 001
NTM	51-90-00

Procedure

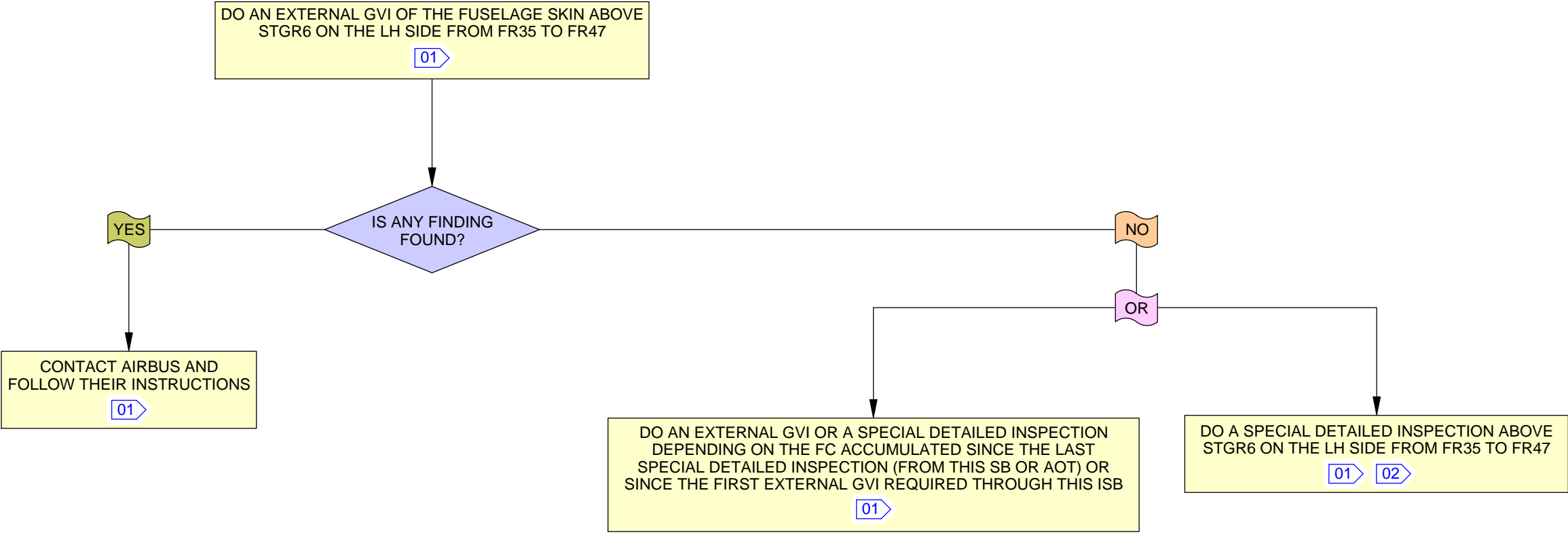
- (a) Standard Practices given in this procedure:

- 1 For the Frame (FR) identification, refer to Ref. AMM 06-31-53, Page Block 001.
 - 2 For the identification of zones, refer to Ref. AMM 06-20-00, Page Block 001.
- (b) In accordance with the threshold given in the PLANNING INFORMATION paragraph E.(2):
Do an external GVI of the chemical milled pocket step on the fuselage skin, above Stringer 6 on the LH side from Frame 35 to Frame 47, refer to Ref. NTM 51-90-00, refer to Ref. Fig. External Inspection on the LH Side and refer to Ref. Fig. Flowchart (External GVI on the LH Side).
- 1 If any finding is found:
 - a Contact AIRBUS and follow their instructions.
 - 2 If no finding is found:
 - a Do an external GVI or a special detailed inspection, depending on the FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB in accordance with Ref. Task set A320-A-53-XX-1472-03ZZZ-93BZ-A.
OR
 - b Do a special detailed inspection above Stringer 6 from Frame 35 to Frame 47 on the LH side in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A.
- NOTE: There are 2 options for the special detailed inspection:
phased array ultrasonic technology inspection of the external skin or detailed visual inspection for primer/paint cracks and HFEC inspection of the internal skin.

CONF ALL



CONF ALL



NOTE:
THE PURPOSE OF FLOW CHARTS IS TO SUPPLEMENT THE INFORMATION GIVEN IN THE PROCEDURE AND COMPLIANCE PARAGRAPHS AND NOT TO SERVE AS THE PRIMARY SOURCE FOR TASKS OR COMPLIANCE TIMES GIVEN IN THIS SERVICE BULLETIN.
01 FOR THE ACCOMPLISHMENT TIMESCALE, REFER TO PARAGRAPH 1.E. (2).
02 THERE ARE 2 OPTIONS FOR THE SPECIAL DETAILED INSPECTION: PHASED ARRAY ULTRASONIC TECHNOLOGY INSPECTION OF THE EXTERNAL SKIN OR DETAILED INSPECTION AND HFEC INSPECTION OF THE INTERNAL SKIN.

ICN-A320-A-53XX1472-A-FAPE3-01LWP-A-007-01

- (2) **Task A320-A-53-XX-1472-04001-311A-A - Do an External GVI of the Fuselage Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47**

CAUTION: CONTACT AIRBUS IN CASE OF EXISTING REPAIR IN THE INSPECTION AREA.

Job Set-Up Information

Working Area

Impacted Zone	Access / Work Location	
240	Work location	From Frame 35 to Frame 47 Stringer 6 RH

Manpower/Resources/Skills

Man-hours	1.00 h
Minimum Number of person	1
Elapsed Time	1.00 h
Skills	Airframe

Referenced Information

Manuals/Drawings	References/Sheets
AMM	06-20-00, Page Block 001 06-31-53, Page Block 001
NTM	51-90-00

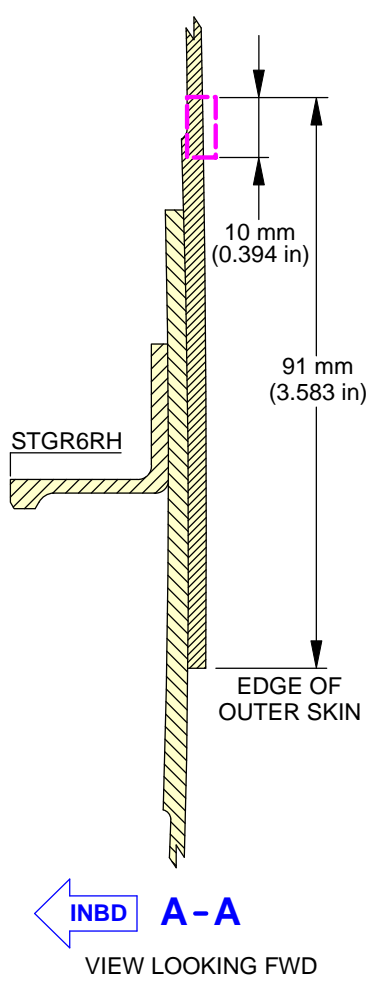
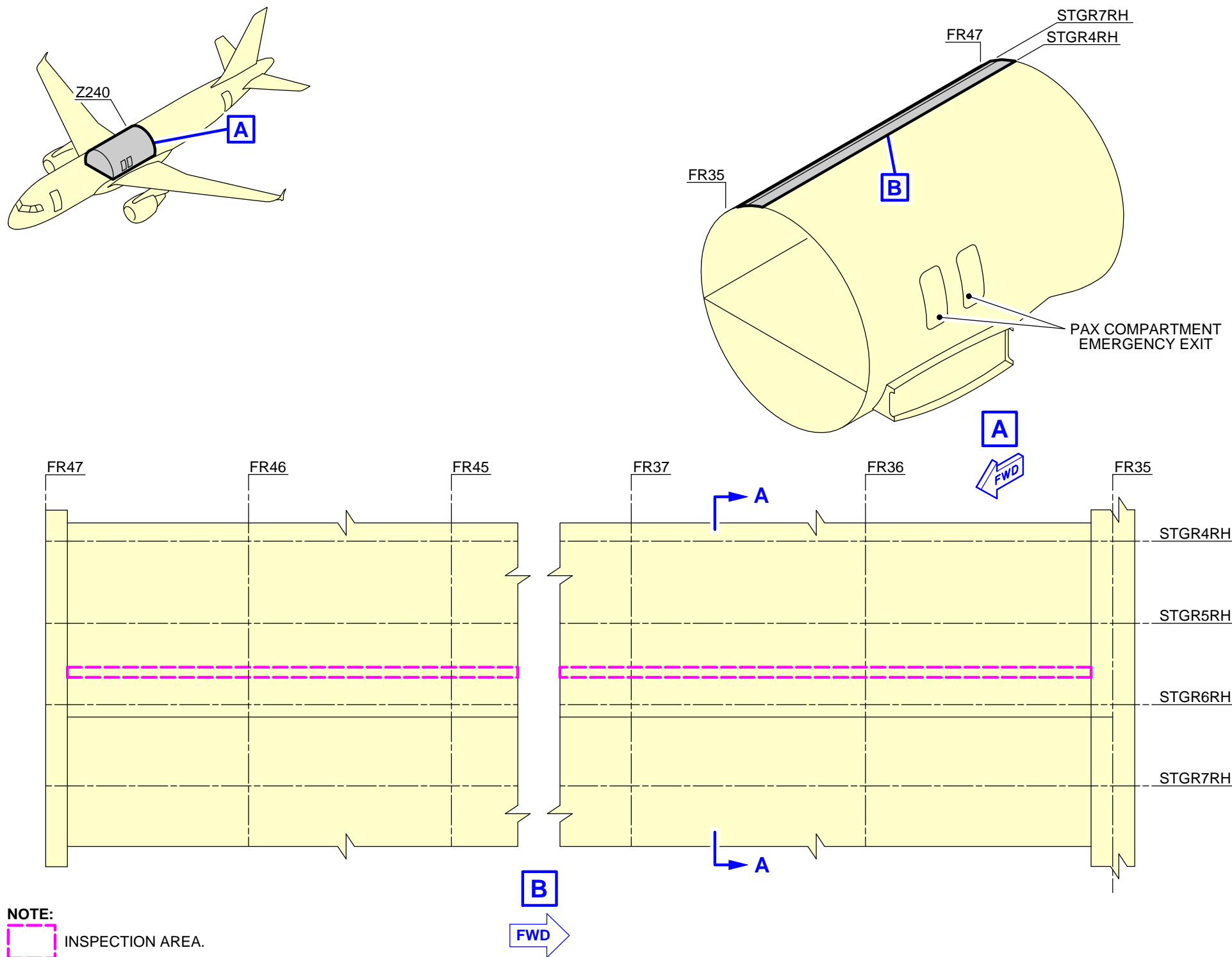
Procedure

- (a) Standard Practices given in this procedure:
 - 1 For the Frame (FR) identification, refer to Ref. AMM 06-31-53, Page Block 001.
 - 2 For the identification of zones, refer to Ref. AMM 06-20-00, Page Block 001.
- (b) In accordance with the threshold given in the PLANNING INFORMATION paragraph E.(2):
Do an external GVI of the chemical milled pocket step on the fuselage skin, above Stringer 6 on the RH side from Frame 35 to Frame 47, refer to Ref. NTM 51-90-00, refer to Ref. Fig. External Inspection on the RH Side and refer to Ref. Fig. Flowchart (External GVI on the RH Side).
 - 1 If any finding is found:
 - a Contact AIRBUS and follow their instructions.
 - 2 If no finding is found:
 - a Do an external GVI or a special detailed inspection, depending on the FC accumulated since the last special detailed inspection (from this SB or AOT) or since the first external GVI required through this ISB in accordance with Ref. Task set A320-A-53-XX-1472-03ZZZ-93BZ-A.
OR

- b Do a special detailed inspection above Stringer 6 from Frame 35 to Frame 47 on the RH side in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A.

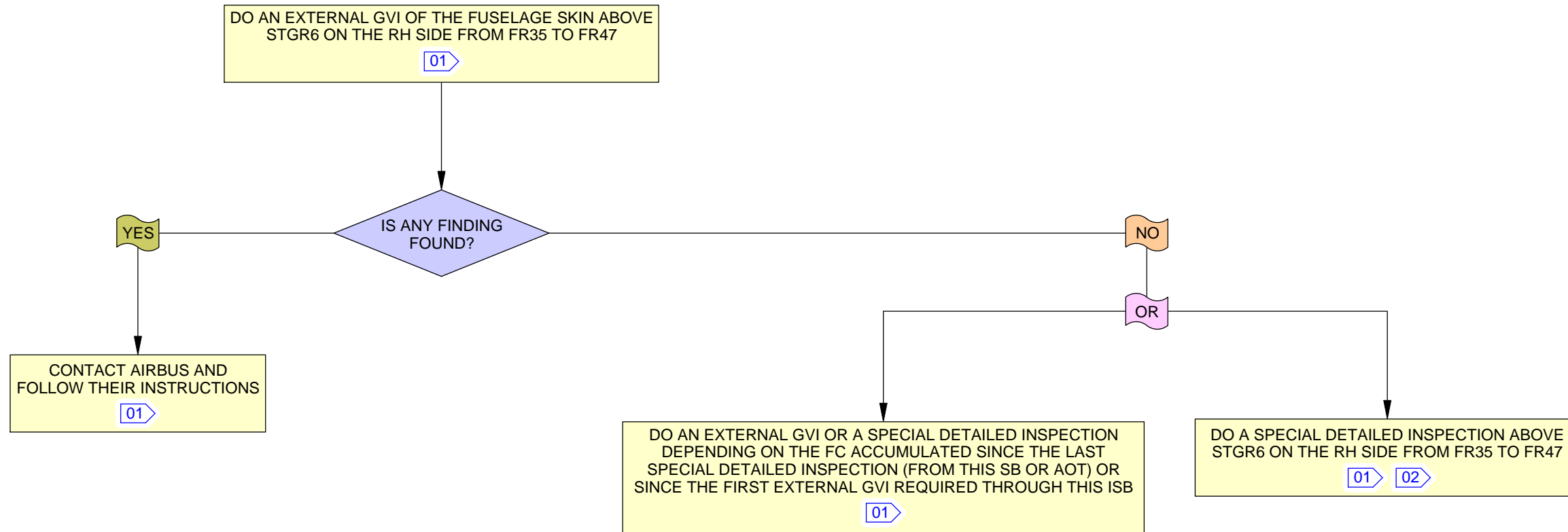
NOTE: There are 2 options for the special detailed inspection:
phased array ultrasonic technology inspection of the external skin or detailed visual inspection for primer/paint cracks and HFEC inspection of the internal skin.

CONF ALL



ICN-A320-A-53XX1472-A-FAPE3-01LWS-A-002-01

CONF ALL



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01 FOR THE ACCOMPLISHMENT TIMESCALE, REFER TO PARAGRAPH 1.E. (2).

02 THERE ARE 2 OPTIONS FOR THE SPECIAL DETAILED INSPECTION: PHASED ARRAY ULTRASONIC TECHNOLOGY INSPECTION OF THE EXTERNAL SKIN OR DETAILED INSPECTION AND HFEC INSPECTION OF THE INTERNAL SKIN.

ICN-A320-A-53XX1472-A-FAPE3-01VTV-A-005-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01VTV-A-005-01 SHEET 1/1

D. PREPARATION FOR TEST

None

E. TEST

None

F. CLOSE-UP**(1) Task A320-A-53-XX-1472-01001-740A-A - Close-up****Job Set-Up Information****Manpower/Resources/Skills**

Man-hours	0.50 h
Minimum Number of person	1
Elapsed Time	0.50 h

Procedure

- (a) Make sure that the work areas are clean and clear of tools and other items of equipment.
- (b) Remove the access platform(s).
- (c) Put the aircraft back to its initial configuration.

G. ADMINISTRATIVE**(1) Task A320-A-53-XX-1472-02001-90AA-A - Administrative****Procedure**

Confirm in the applicable aircraft records that you have completed all the work defined in this Service Bulletin task set as required.

Task set A320-A-53-XX-1472-02000-93BA-A

OPTION 1: Phased Array Ultrasonic Technology Inspection of the External Skin on the LH and the RH Sides

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS INCLUDED IN THE REFERENCED PROCEDURES.

CAUTION: ALWAYS OBEY THE PRECAUTIONS THAT FOLLOW TO KEEP ELECTRICAL WIRING IN A SATISFACTORY CONDITION (ELECTRICALLY AND MECHANICALLY SERVICEABLE). WHEN YOU DO MAINTENANCE WORK, REPAIRS OR MODIFICATIONS, ALWAYS KEEP ELECTRICAL WIRING, COMPONENTS AND THE WORK AREA AS CLEAN AS POSSIBLE. TO DO THIS:

- PUT PROTECTION, SUCH AS PLASTIC SHEETING, CLOTHS, ETC., AS NECESSARY ON WIRING AND COMPONENTS.
- REGULARLY REMOVE ALL SHAVINGS, UNWANTED MATERIAL AND OTHER CONTAMINATION.

**THESE PRECAUTIONS WILL DECREASE THE RISK OF CONTAMINATION AND DAMAGE TO THE ELECTRICAL WIRING INSTALLATION.
IF THERE IS CONTAMINATION, REFER TO Ref. ESPM 20-55-00.**

NOTE: The accomplishment instructions of this Service Bulletin include procedures given in other documents or in other sections of the Service Bulletin. When the words "refer to" are used and the operator has a procedure accepted by the local authority he belongs to, the accepted alternative procedure can be used. When the words "in accordance with" are used then the given procedure must be followed.

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NOTE: Manual titles given in the accomplishment instructions are referred to by acronyms. Refer to paragraph 1.J., References, for the definition of acronyms.

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NOTE: This Service Bulletin contains the instructions for the on-aircraft maintenance necessary to ensure the continued airworthiness of the aircraft.
For any deviations to the instructions, including RC paragraph contained herein, contact AIRBUS for further instructions and approval.

A. **TASK SET ASSOCIATED INFORMATION**

Task Manpower

TOTAL MAN-HOURS	3.25 h
ELAPSED TIME (HOURS)	2.25 h

B. PREPARATION
(1) Task A320-A-53-XX-1472-02001-540A-A - Job Set-up
Job Set-Up Information
Manpower/Resources/Skills

Man-hours	0.50 h
Minimum Number of person	1
Elapsed Time	0.50 h

Referenced Information

Manuals/Drawings	References/Sheets
AMM	Task 12-34-24-869-002

Procedure

NOTE: For the basic Aircraft configuration, refer to AMM Chapter "Introduction - Aircraft status for maintenance" in Manual Front Matter section.

- (a) Make sure that the aircraft is electrically grounded, refer to Ref. AMM Task 12-34-24-869-002.
- (b) Put an access platform in position at Zone 240 on the LH and the RH sides.

C. PROCEDURE
(1) Task A320-A-53-XX-1472-02001-311A-A - Do a Phased Array Ultrasonic Technology Inspection of the External Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47

CAUTION: CONTACT AIRBUS IN CASE OF EXISTING REPAIR IN THE INSPECTION AREA.

Job Set-Up Information
Working Area

Impacted Zone	Access / Work Location	
240	Work location	From Frame 35 to Frame 47 Stringer 6 LH

Manpower/Resources/Skills

Man-hours	1.00 h
Minimum Number of person	1
Elapsed Time	1.00 h
Skills	Non-Destructive Testing

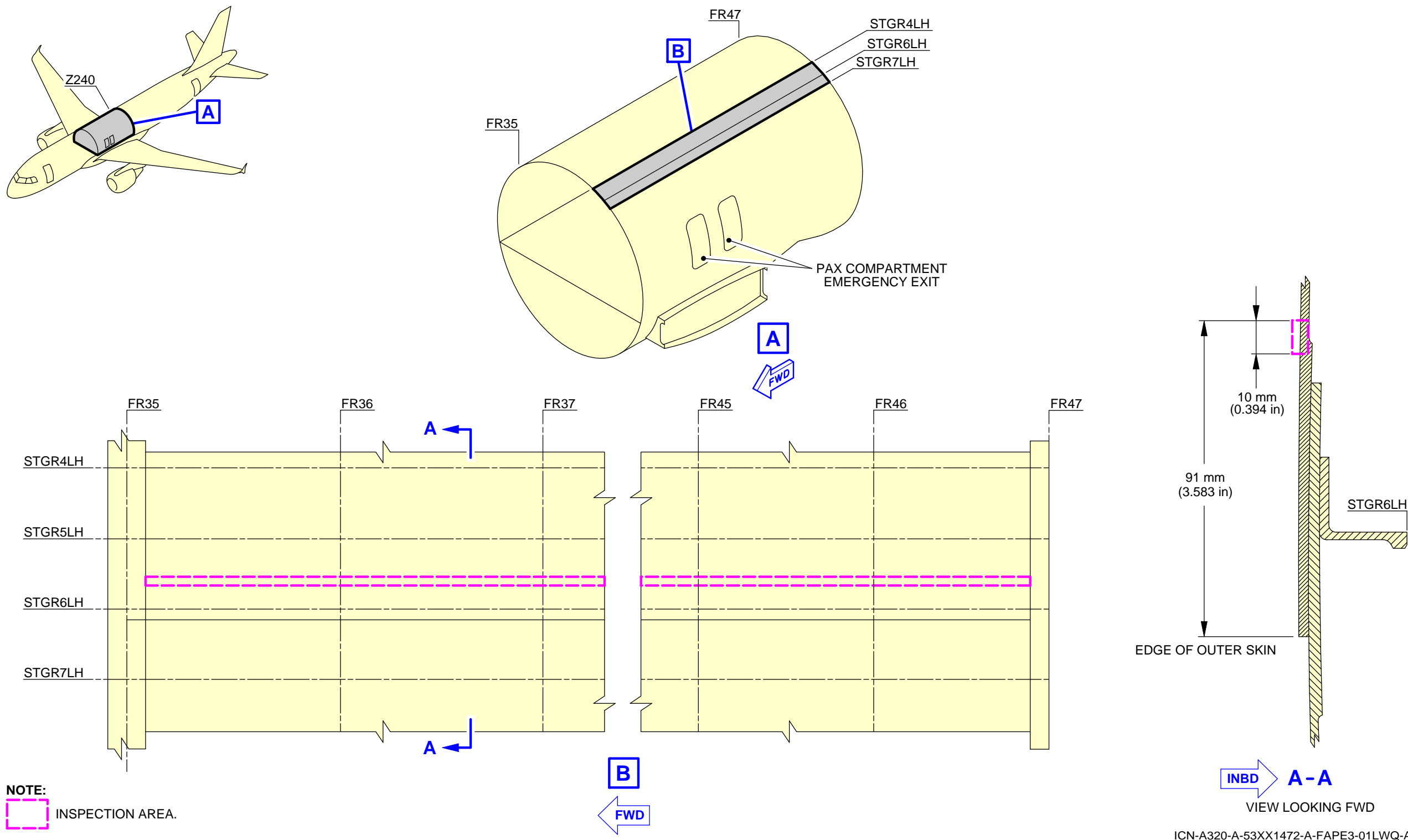
Referenced Information

Manuals/Drawings	References/Sheets
AMM	06-20-00, Page Block 001 06-31-53, Page Block 001
NTM	51-10-31
SRM	51-75-12

Procedure

- (a) Standard Practices given in this procedure:
- 1 For the Frame (FR) identification, refer to Ref. AMM 06-31-53, Page Block 001.
 - 2 For the identification of zones, refer to Ref. AMM 06-20-00, Page Block 001.
 - 3 Renew the protective finish in accordance with Ref. SRM 51-75-12.
- (b) In accordance with the threshold and interval given in the PLANNING INFORMATION paragraph E.(2):
Do a phased array ultrasonic technology inspection of the external skin, refer to Ref. NTM 51-10-31, refer to Ref. Fig. External Inspection on the LH Side and refer to Ref. Fig. Flowchart (Special Detailed Inspection on the LH Side).
- 1 If any finding is found:
 - a Contact AIRBUS and follow their instructions.
 - 2 If no finding is found:
 - a Complete and send the inspection report sheet, only for the first special detailed inspection, in accordance with Ref. Task A320-A-53-XX-1472-06ZZZ-90AZ-A.
 - b Renew the protective finish of the inspected area in accordance with Ref. SRM 51-75-12.
 - c Repeat the special detailed inspection above Stringer 6 from Frame 35 to Frame 47 on the LH side in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A.
OR
 - d Complete and send the inspection report sheet, only for the first special detailed inspection, in accordance with Ref. Task A320-A-53-XX-1472-06ZZZ-90AZ-A.
 - e Renew the protective finish of the inspected area in accordance with Ref. SRM 51-75-12.
 - f Do an external GVI of the chemical milled pocket step on the fuselage skin, above Stringer 6 on the LH side from Frame 35 to Frame 47 in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A.

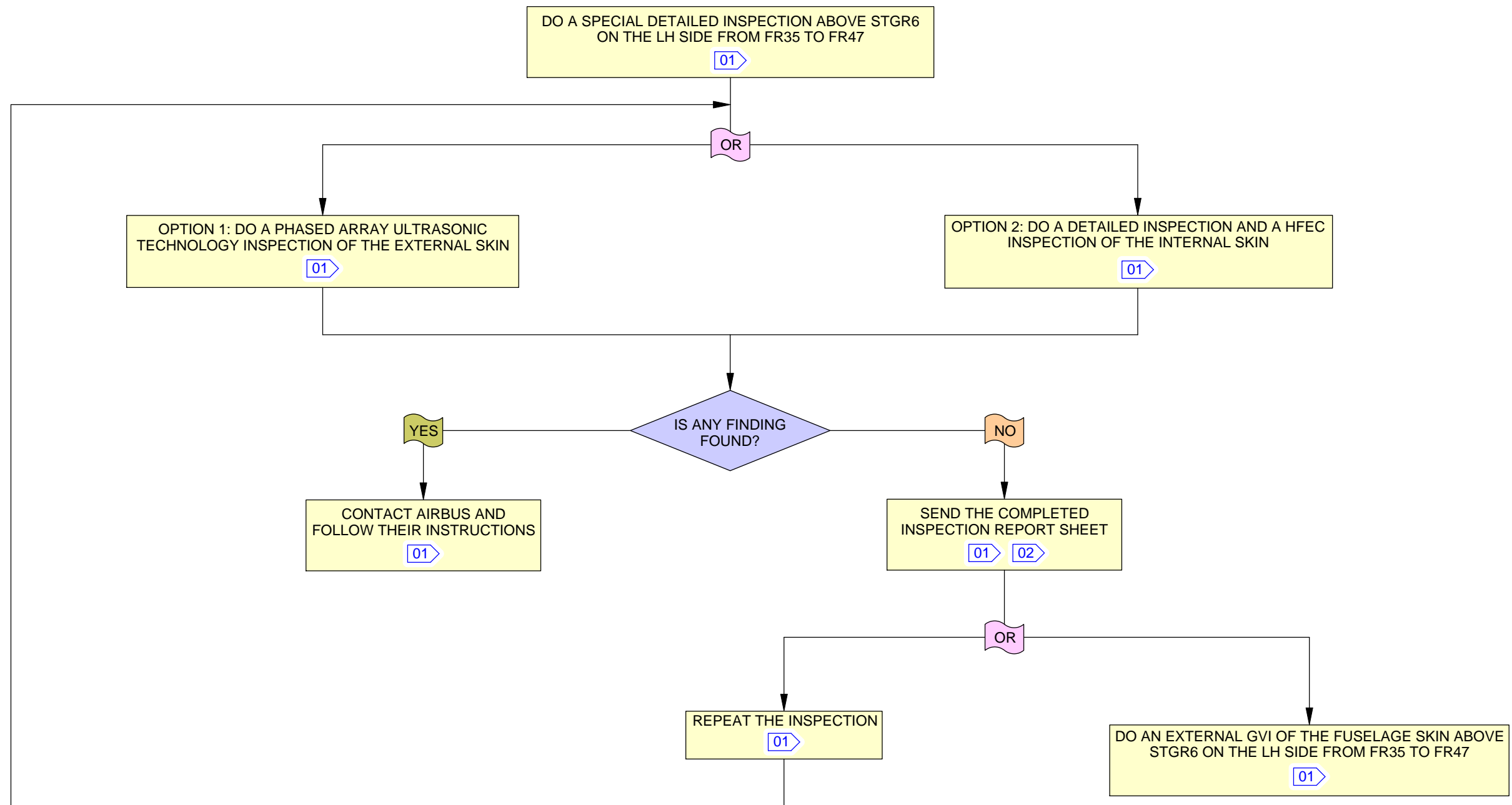
CONF ALL



ICN-A320-A-53XX1472-A-FAPE3-01LWQ-A-002-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01LWQ-A-002-01 SHEET 1/1

CONF ALL



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01 FOR THE ACCOMPLISHMENT TIMESCALE, REFER TO PARAGRAPH 1.E. (2).

02 TO SEND THE INSPECTION REPORT SHEET IS REQUIRED ONLY FOR COMPLIANCE (RC) FOR THE FIRST SPECIAL DETAILED INSPECTION PERFORMED.

ICN-A320-A-53XX1472-A-FAPE3-01LX0-A-006-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01LX0-A-006-01 SHEET 1/1

Flowchart (Special Detailed Inspection on the LH Side)

- (2) **Task A320-A-53-XX-1472-05001-311A-A - Do a Phased Array Ultrasonic Technology Inspection of the External Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47**

CAUTION: CONTACT AIRBUS IN CASE OF EXISTING REPAIR IN THE INSPECTION AREA.

Job Set-Up Information

Working Area

Impacted Zone	Access / Work Location	
240	Work location	From Frame 35 to Frame 47 Stringer 6 RH

Manpower/Resources/Skills

Man-hours	1.00 h
Minimum Number of person	1
Elapsed Time	1.00 h
Skills	Non-Destructive Testing

Referenced Information

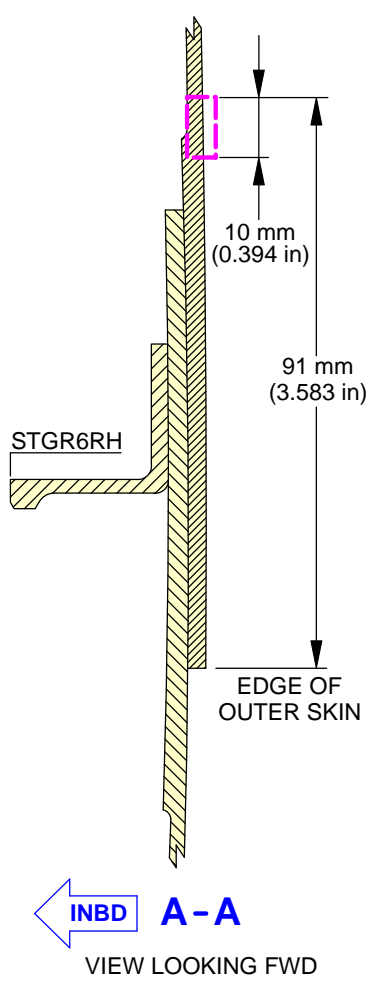
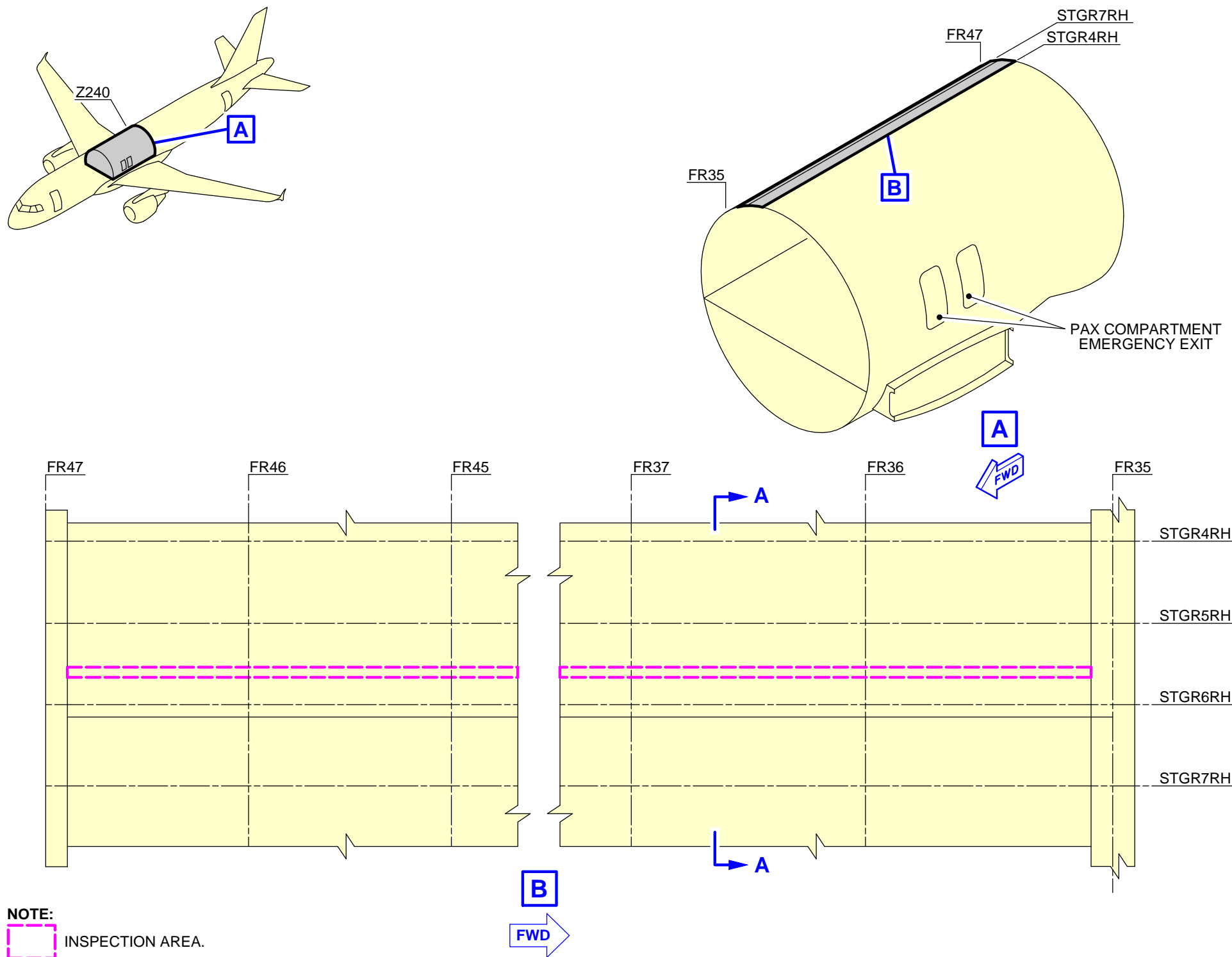
Manuals/Drawings	References/Sheets
AMM	06-20-00, Page Block 001 06-31-53, Page Block 001
NTM	51-10-31
SRM	51-75-12

Procedure

- (a) Standard Practices given in this procedure:
- 1 For the Frame (FR) identification, refer to Ref. AMM 06-31-53, Page Block 001.
 - 2 For the identification of zones, refer to Ref. AMM 06-20-00, Page Block 001.
 - 3 Renew the protective finish in accordance with Ref. SRM 51-75-12.
- (b) In accordance with the threshold and interval given in the PLANNING INFORMATION paragraph E.(2):
Do a phased array ultrasonic technology inspection of the external skin, refer to Ref. NTM 51-10-31, refer to Ref. Fig. External Inspection on the RH Side and refer to Ref. Fig. Flowchart (Special Detailed Inspection on the RH Side).
- 1 If any finding is found:
 - a Contact AIRBUS and follow their instructions.
 - 2 If no finding is found:
 - a Complete and send the inspection report sheet, only for the first special detailed inspection, in accordance with Ref. Task A320-A-53-XX-1472-06ZZZ-90AZ-A.
 - b Renew the protective finish of the inspected area in accordance with Ref. SRM 51-75-12.

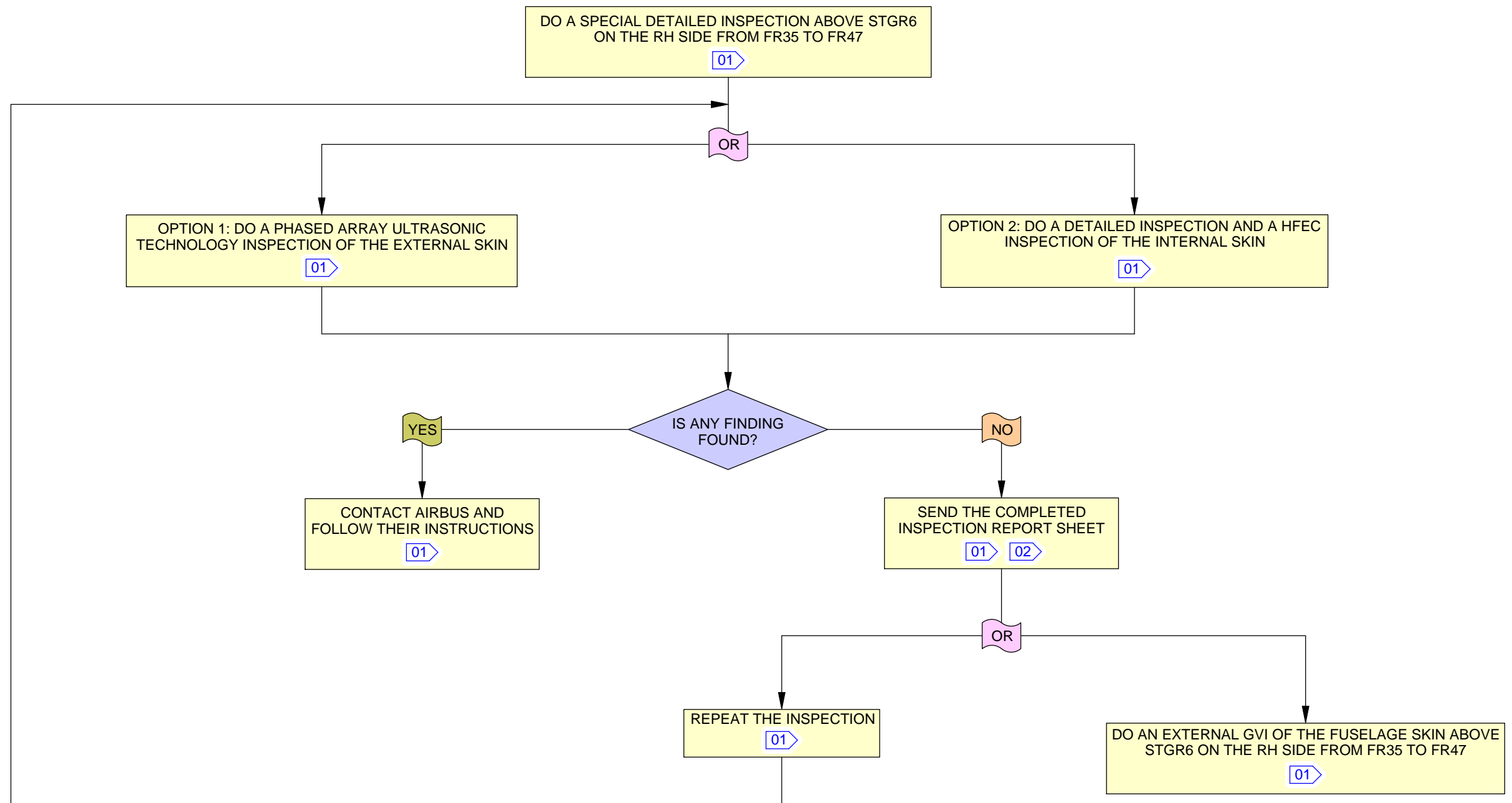
- c Repeat the special detailed inspection above Stringer 6 from Frame 35 to Frame 47 on the RH side in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A.
OR
- d Complete and send the inspection report sheet, only for the first special detailed inspection in accordance with Ref. Task A320-A-53-XX-1472-06ZZZ-90AZ-A.
- e Renew the protective finish of the inspected area in accordance with Ref. SRM 51-75-12.
- f Do an external GVI of the chemical milled pocket step on the fuselage skin, above Stringer 6 on the RH side from Frame 35 to Frame 47 in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A.

CONF ALL



ICN-A320-A-53XX1472-A-FAPE3-01LWS-A-002-01

CONF ALL



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01 FOR THE ACCOMPLISHMENT TIMESCALE, REFER TO PARAGRAPH 1.E. (2).

02 TO SEND THE INSPECTION REPORT SHEET IS REQUIRED ONLY FOR COMPLIANCE (RC) FOR THE FIRST SPECIAL DETAILED INSPECTION PERFORMED.

ICN-A320-A-53XX1472-A-FAPE3-01VTU-A-003-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01VTU-A-003-01 SHEET 1/1

Flowchart (Special Detailed Inspection on the RH Side)

(3) Task A320-A-53-XX-1472-06001-90AA-A - Complete and Send the Inspection Report Sheet
Job Set-Up Information
Manpower/Resources/Skills

Man-hours	0.25 h
Minimum Number of person	1
Elapsed Time	0.25 h

Referenced Information

Manuals/Drawings	References/Sheets
ISI	00.00.00179

Procedure

- (a) Complete the inspection report sheet, refer to Ref. Fig. Inspection Report.
- (b) Send the completed inspection report sheet in accordance with Ref. ISI 00.00.00179.

NOTE: To send the Inspection Report sheet is Required only for Compliance (RC) for the first special detailed inspection performed.

CONF ALL

INSPECTION REPORT							
SERVICE BULLETIN No : A320-53-1472	SEND THE COMPLETED INSPECTION REPORT SHEET IN ACCORDANCE WITH ISI 00.00.00179						
A/C MSN :							
FLIGHT CYCLES :							
FLIGHT HOURS :							
DATE OF INSPECTION :							
INSPECTION METHOD : <input type="checkbox"/> SPECIAL DETAILED INSPECTION							
<table border="1"> <thead> <tr> <th>WHAT WAS THE LAST INSPECTION METHOD PERFORMED?</th> <th>WAS ANY FINDING FOUND?</th> </tr> </thead> <tbody> <tr> <td>PHASED ARRAY ULTRASONIC TECHNOLOGY INSPECTION OF THE EXTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/></td> <td>YES <input type="checkbox"/></td> </tr> <tr> <td>DETAILED INSPECTION AND HFEC INSPECTION OF THE INTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/></td> <td>NO <input type="checkbox"/></td> </tr> </tbody> </table>		WHAT WAS THE LAST INSPECTION METHOD PERFORMED?	WAS ANY FINDING FOUND?	PHASED ARRAY ULTRASONIC TECHNOLOGY INSPECTION OF THE EXTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/>	YES <input type="checkbox"/>	DETAILED INSPECTION AND HFEC INSPECTION OF THE INTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/>	NO <input type="checkbox"/>
WHAT WAS THE LAST INSPECTION METHOD PERFORMED?	WAS ANY FINDING FOUND?						
PHASED ARRAY ULTRASONIC TECHNOLOGY INSPECTION OF THE EXTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/>	YES <input type="checkbox"/>						
DETAILED INSPECTION AND HFEC INSPECTION OF THE INTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/>	NO <input type="checkbox"/>						
REMARKS:							

ICN-A320-A-53XX1472-A-FAPE3-01ZUU-A-002-01

D. PREPARATION FOR TEST

None

E. TEST

None

F. CLOSE-UP
(1) Task A320-A-53-XX-1472-02001-740A-A - Close-up
Job Set-Up Information
Manpower/Resources/Skills

Man-hours	0.50 h
Minimum Number of person	1
Elapsed Time	0.50 h

Procedure

- (a) Make sure that the work areas are clean and clear of tools and other items of equipment.
- (b) Remove the access platform(s).
- (c) Put the aircraft back to its initial configuration.

G. ADMINISTRATIVE
(1) Task A320-A-53-XX-1472-03001-90AA-A - Administrative
Procedure

Confirm in the applicable aircraft records that you have completed all the work defined in this Service Bulletin task set as required.

Task set A320-A-53-XX-1472-02000-93BB-A

OPTION 2: Detailed Visual Inspection and HFEC Inspection of the Internal Skin on the LH and the RH Sides

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS INCLUDED IN THE REFERENCED PROCEDURES.

CAUTION: ALWAYS OBEY THE PRECAUTIONS THAT FOLLOW TO KEEP ELECTRICAL WIRING IN A SATISFACTORY CONDITION (ELECTRICALLY AND MECHANICALLY SERVICEABLE). WHEN YOU DO MAINTENANCE WORK, REPAIRS OR MODIFICATIONS, ALWAYS KEEP ELECTRICAL WIRING, COMPONENTS AND THE WORK AREA AS CLEAN AS POSSIBLE. TO DO THIS:

- PUT PROTECTION, SUCH AS PLASTIC SHEETING, CLOTHS, ETC., AS NECESSARY ON WIRING AND COMPONENTS.
- REGULARLY REMOVE ALL SHAVINGS, UNWANTED MATERIAL AND OTHER CONTAMINATION.

**THESE PRECAUTIONS WILL DECREASE THE RISK OF CONTAMINATION AND DAMAGE TO THE ELECTRICAL WIRING INSTALLATION.
IF THERE IS CONTAMINATION, REFER TO Ref. ESPM 20-55-00.**

NOTE: The accomplishment instructions of this Service Bulletin include procedures given in other documents or in other sections of the Service Bulletin. When the words "refer to" are used and the operator has a procedure accepted by the local authority he belongs to, the accepted alternative procedure can be used. When the words "in accordance with" are used then the given procedure must be followed.

NOTE: The access and close-up instructions, not comprising return to service tests, in this Service Bulletin do not constitute or affect the technical intent of the Service Bulletin. Operators can therefore, as deemed necessary, omit or add access and/or close-up steps to add flexibility to their maintenance operations as long as the technical intent of the Service Bulletin is met within the set parameters.

NOTE: Manual titles given in the accomplishment instructions are referred to by acronyms. Refer to paragraph 1.J., References, for the definition of acronyms.

NOTE: The purpose of flowcharts is to supplement the information given in the Procedure and Compliance paragraphs and not to serve as the primary source for tasks or compliance times given in this Service Bulletin.

NOTE: This Service Bulletin is classified mandatory or expected to be classified mandatory by an Airworthiness Directive (AD). The paragraphs 3.C. and 3.E. in these accomplishment instructions are Required for Compliance (RC) and must be done to comply with the AD. To allow more flexibility, the rule "refer to" and "in accordance with" will apply to these paragraphs 3.C. and 3.E. Other paragraphs are recommended and may be deviated from, done as part of other actions or done with accepted methods different from those given in the Service Bulletin, as long as the RC paragraphs can be done and the aircraft can be put back into a serviceable condition.

NOTE: This Service Bulletin contains the instructions for the on-aircraft maintenance necessary to ensure the continued airworthiness of the aircraft.
For any deviations to the instructions, including RC paragraph contained herein, contact AIRBUS for further instructions and approval.

A. **TASK SET ASSOCIATED INFORMATION**

Task Manpower

TOTAL MAN-HOURS	29.25 h
ELAPSED TIME (HOURS)	11.25 h

B. PREPARATION
(1) Task A320-A-53-XX-1472-03001-540A-A - Job Set-up
Job Set-Up Information
Manpower/Resources/Skills

Man-hours	12.00 h
Minimum Number of person	3
Elapsed Time	4.00 h

Referenced Information

Manuals/Drawings	References/Sheets
AMM	Task 05-22-40-200-003 Task 12-34-24-869-002

Procedure

NOTE: For the basic Aircraft configuration, refer to AMM Chapter "Introduction - Aircraft status for maintenance" in Manual Front Matter section.

- (a) Make sure that the aircraft is electrically grounded, refer to Ref. AMM Task 12-34-24-869-002.
- (b) Do the job set-up procedure as specified in the GVI of center passenger overhead compartment, refer to Ref. AMM Task 05-22-40-200-003.

C. PROCEDURE
(1) Task A320-A-53-XX-1472-03001-311A-A - Do a Detailed Visual Inspection for Primer/Paint Cracks and HFEC Inspection of the Internal Skin above Stringer 6 on the LH Side from Frame 35 to Frame 47

CAUTION: CONTACT AIRBUS IN CASE OF EXISTING REPAIR IN THE INSPECTION AREA.

Job Set-Up Information
Working Area

Impacted Zone	Access / Work Location	
240	Work location	From Frame 35 to Frame 47 Stringer 6 LH

Manpower/Resources/Skills

Man-hours	1.00 h
Minimum Number of person	1
Elapsed Time	1.00 h
Skills	Airframe

Referenced Information

Manuals/Drawings	References/Sheets
AMM	06-20-00, Page Block 001 06-31-53, Page Block 001
NTM	51-10-08 51-90-00

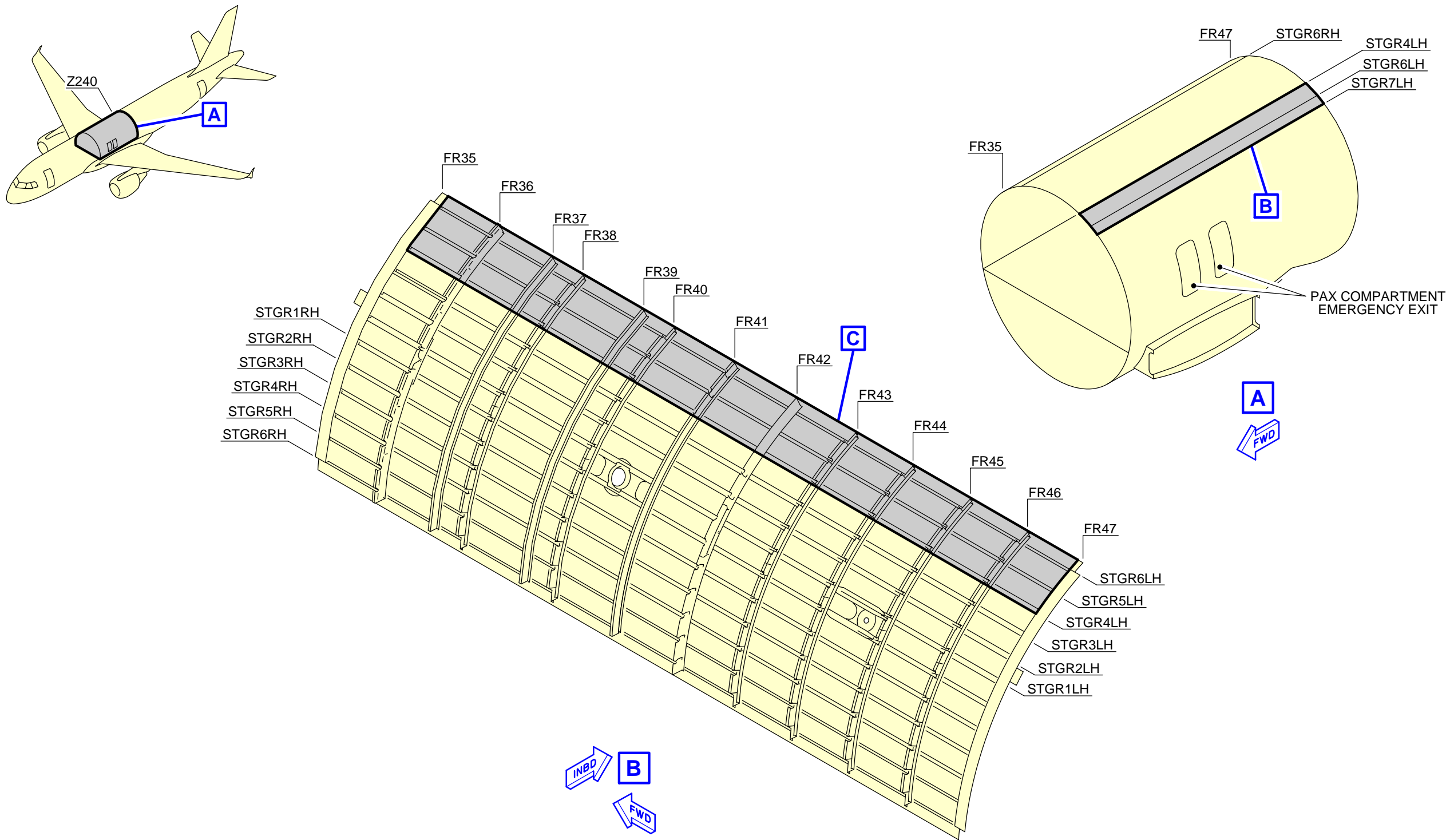
Procedure

- (a) Standard Practices given in this procedure:
 - 1 For the Frame (FR) identification, refer to Ref. AMM 06-31-53, Page Block 001.
 - 2 For the identification of zones, refer to Ref. AMM 06-20-00, Page Block 001.
- (b) In accordance with the threshold and interval given in the PLANNING INFORMATION paragraph E.(2):

Do a detailed visual inspection for primer and paint cracks and a special detailed inspection (HFEC) for metal cracks of the internal skin above Stringer 6 from Frame 35 to Frame 47 on the LH side:

 - 1 Do a detailed visual inspection for primer paint cracks using x8 — x10 magnification lens, refer to Ref. NTM 51-90-00, refer to Ref. Fig. Internal Inspection on the LH Side and refer to Ref. Fig. Flowchart (Special Detailed Inspection on the LH Side).
 - 2 Do a HFEC inspection for metal cracks of the internal skin, refer to Ref. NTM 51-10-08, refer to Ref. Fig. Internal Inspection on the LH Side and refer to Ref. Fig. Flowchart (Special Detailed Inspection on the LH Side).
 - a If any finding is found:
 - <1> Contact AIRBUS and follow their instructions.
 - b If no finding is found:
 - <1> Complete and send the inspection report sheet, only for the first special detailed inspection, in accordance with Ref. Task A320-A-53-XX-1472-07ZZZ-90AZ-A.
 - <2> Repeat the special detailed inspection above Stringer 6 from Frame 35 to Frame 47 on the LH side in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A.
OR
 - <3> Complete and send the inspection report sheet, only for the first special detailed inspection, in accordance with Ref. Task A320-A-53-XX-1472-07ZZZ-90AZ-A.
 - <4> Do an external GVI of the chemical milled pocket step on the fuselage skin, above Stringer 6 on the LH side from Frame 35 to Frame 47 in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A.

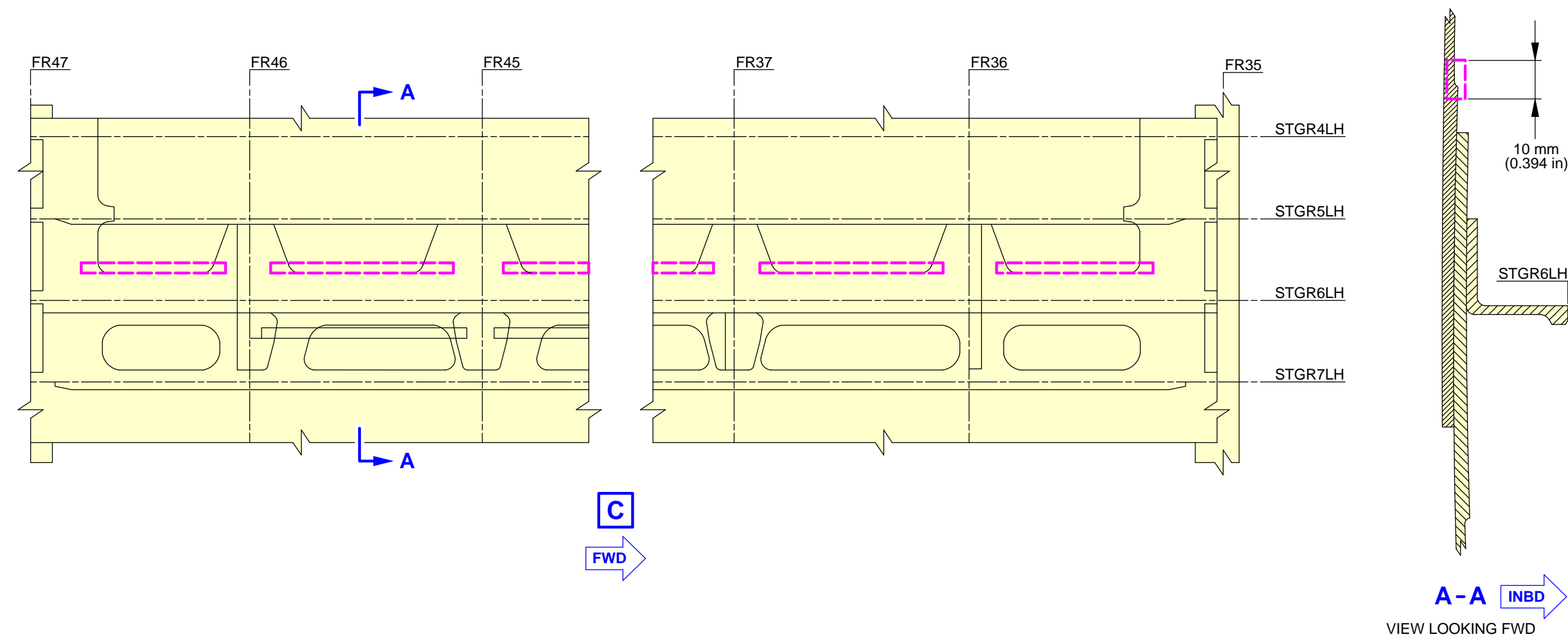
CONF ALL



ICN-A320-A-53XX1472-A-FAPE3-01LWU-A-002-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01LWU-A-002-01 SHEET 1/2

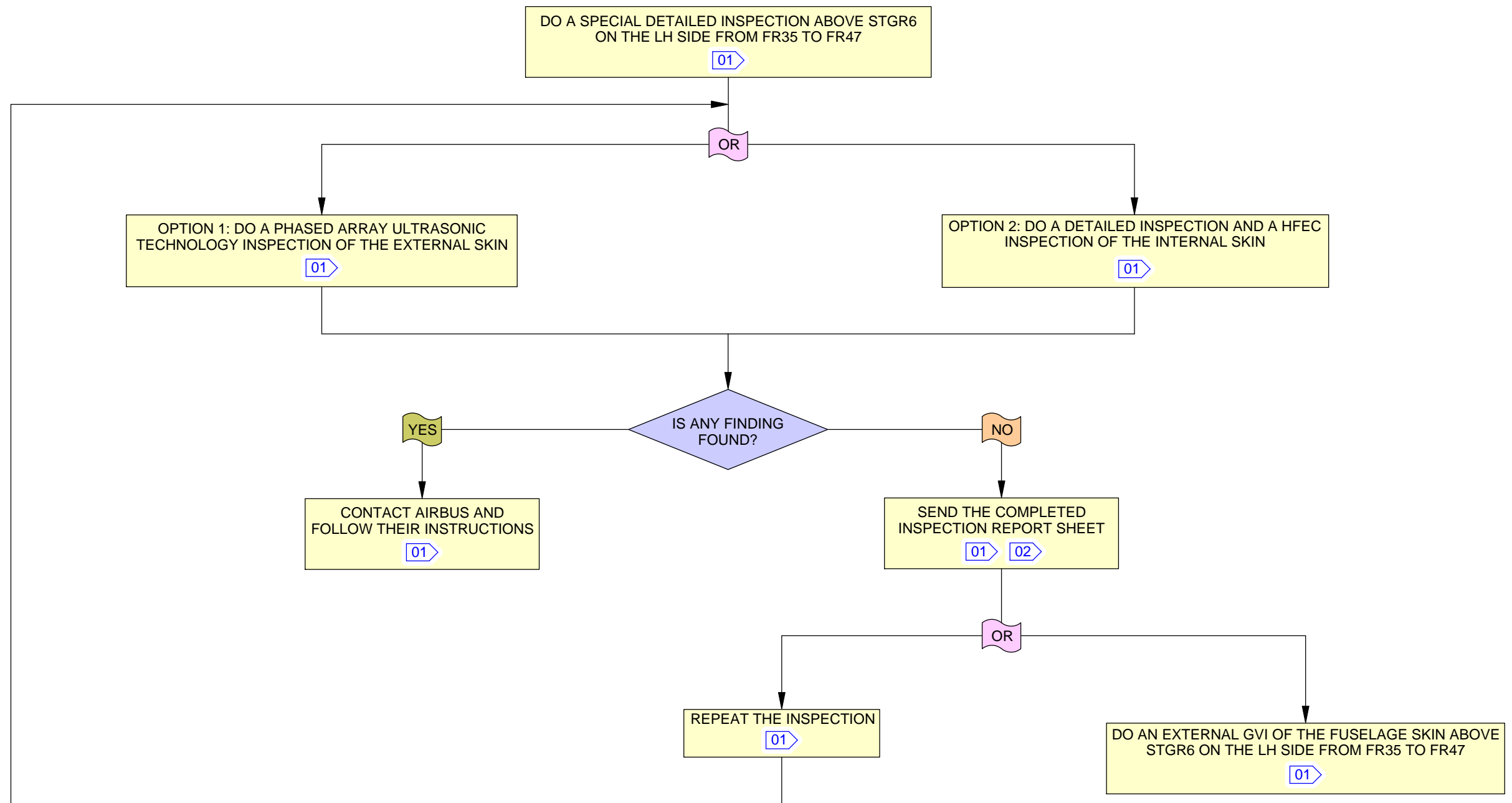
CONF ALL



NOTE:
INSPECTION AREA.

ICN-A320-A-53XX1472-A-FAPE3-01LWV-A-002-01

CONF ALL



NOTE:

THE PURPOSE OF FLOW CHARTS IS TO SUPPLEMENT THE INFORMATION GIVEN IN THE PROCEDURE AND COMPLIANCE PARAGRAPHS AND NOT TO SERVE AS THE PRIMARY SOURCE FOR TASKS OR COMPLIANCE TIMES GIVEN IN THIS SERVICE BULLETIN.

01 FOR THE ACCOMPLISHMENT TIMESCALE, REFER TO PARAGRAPH 1.E. (2).

02 TO SEND THE INSPECTION REPORT SHEET IS REQUIRED ONLY FOR COMPLIANCE (RC) FOR THE FIRST SPECIAL DETAILED INSPECTION PERFORMED.

ICN-A320-A-53XX1472-A-FAPE3-01LX0-A-006-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01LX0-A-006-01 SHEET 1/1

Flowchart (Special Detailed Inspection on the LH Side)

- (2) **Task A320-A-53-XX-1472-06001-311A-A - Do a Detailed Visual Inspection for Primer/Paint Cracks and HFEC Inspection of the Internal Skin above Stringer 6 on the RH Side from Frame 35 to Frame 47**

CAUTION: CONTACT AIRBUS IN CASE OF EXISTING REPAIR IN THE INSPECTION AREA.

Job Set-Up Information

Working Area

Impacted Zone	Access / Work Location	
240	Work location	From Frame 35 to Frame 47 Stringer 6 RH

Manpower/Resources/Skills

Man-hours	1.00 h
Minimum Number of person	1
Elapsed Time	1.00 h
Skills	Airframe

Referenced Information

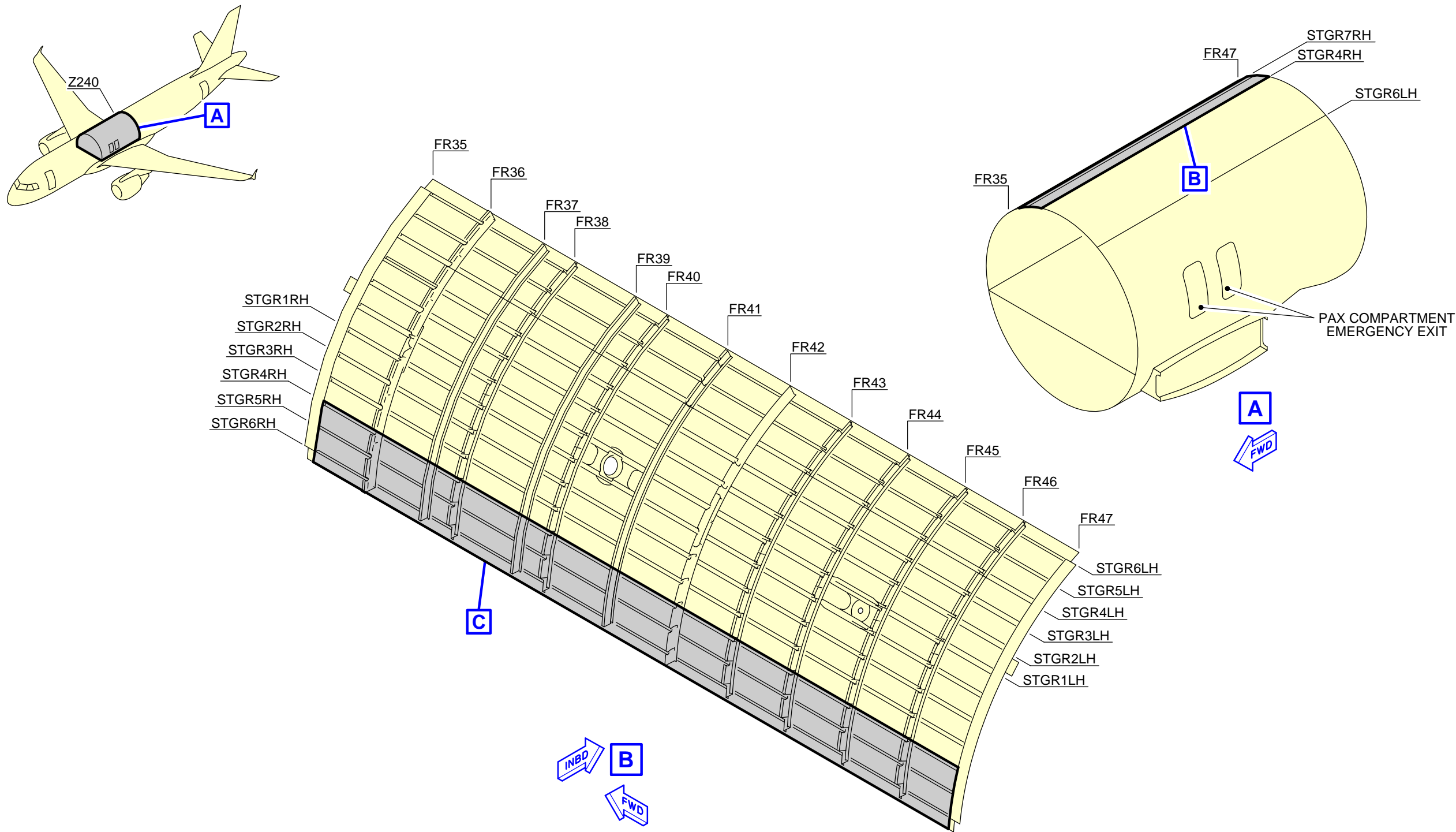
Manuals/Drawings	References/Sheets
AMM	06-20-00, Page Block 001 06-31-53, Page Block 001
NTM	51-10-08 51-90-00

Procedure

- (a) Standard Practices given in this procedure:
 - 1 For the Frame (FR) identification, refer to Ref. AMM 06-31-53, Page Block 001.
 - 2 For the identification of zones, refer to Ref. AMM 06-20-00, Page Block 001.
- (b) In accordance with the threshold and interval given in the PLANNING INFORMATION paragraph E.(2):
Do a detailed visual inspection for primer and paint cracks and a special detailed inspection (HFEC) for metal cracks of the internal skin above Stringer 6 from Frame 35 to Frame 47 on the RH side:
 - 1 Do a detailed visual inspection for primer paint cracks using x8 — x10 magnification lens, refer to Ref. NTM 51-90-00, refer to Ref. Fig. Internal Inspection on the RH Side and refer to Ref. Fig. Flowchart (Special Detailed Inspection on the RH Side).
 - 2 Do a HFEC inspection for metal cracks of the internal skin, refer to Ref. NTM 51-10-08, refer to Ref. Fig. Internal Inspection on the RH Side and refer to Ref. Fig. Flowchart (Special Detailed Inspection on the RH Side).
 - a If any finding is found:
<1> Contact AIRBUS and follow their instructions.
 - b If no finding is found:

- <1> Complete and send the inspection report sheet, only for the first special detailed inspection, in accordance with Ref. Task A320-A-53-XX-1472-07ZZZ-90AZ-A.
- <2> Repeat the special detailed inspection above Stringer 6 from Frame 35 to Frame 47 on the RH side in accordance with Ref. Task set A320-A-53-XX-1472-02ZZZ-93BZ-A.
OR
- <3> Complete and send the inspection report sheet, only for the first special detailed inspection, in accordance with Ref. Task A320-A-53-XX-1472-07ZZZ-90AZ-A.
- <4> Do an external GVI of the chemical milled pocket step on the fuselage skin, above Stringer 6 on the RH side from Frame 35 to Frame 47 in accordance with Ref. Task set A320-A-53-XX-1472-01ZZZ-93BZ-A.

CONF ALL

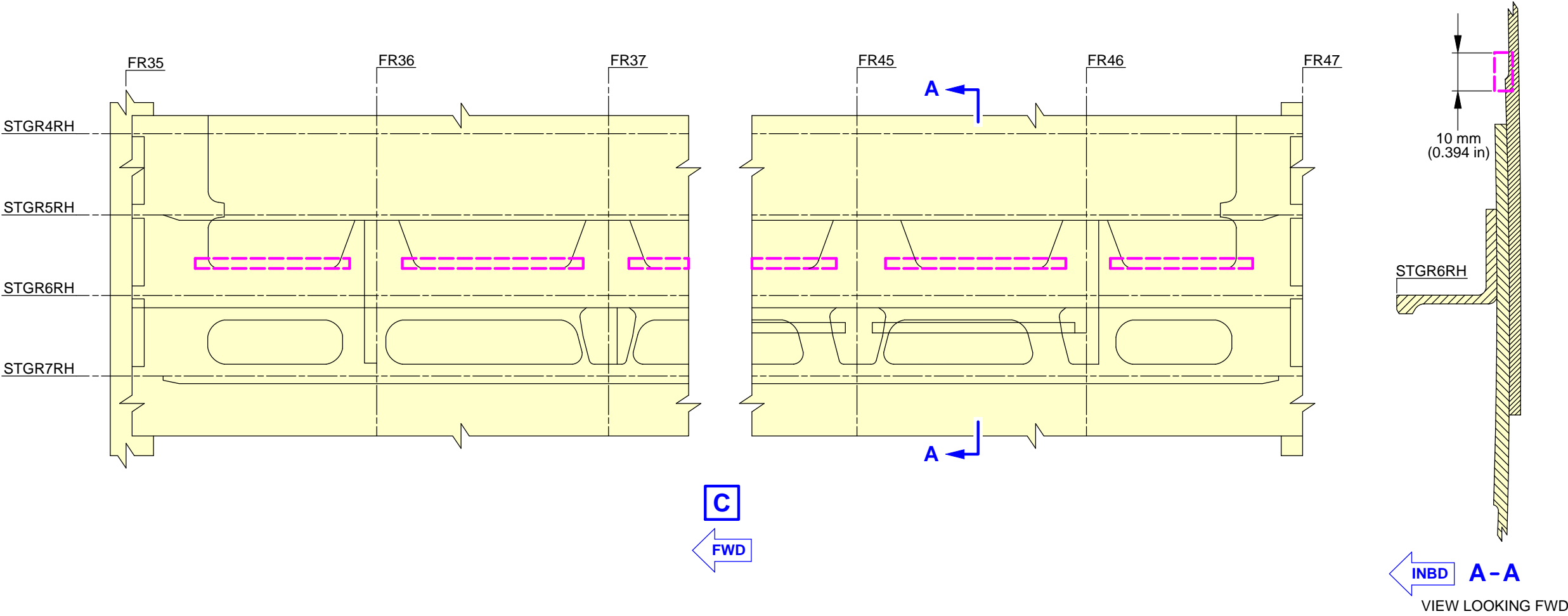


ICN-A320-A-53XX1472-A-FAPE3-01LWX-A-002-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01LWX-A-002-01 SHEET 1/2

Internal Inspection on the RH Side

CONF ALL

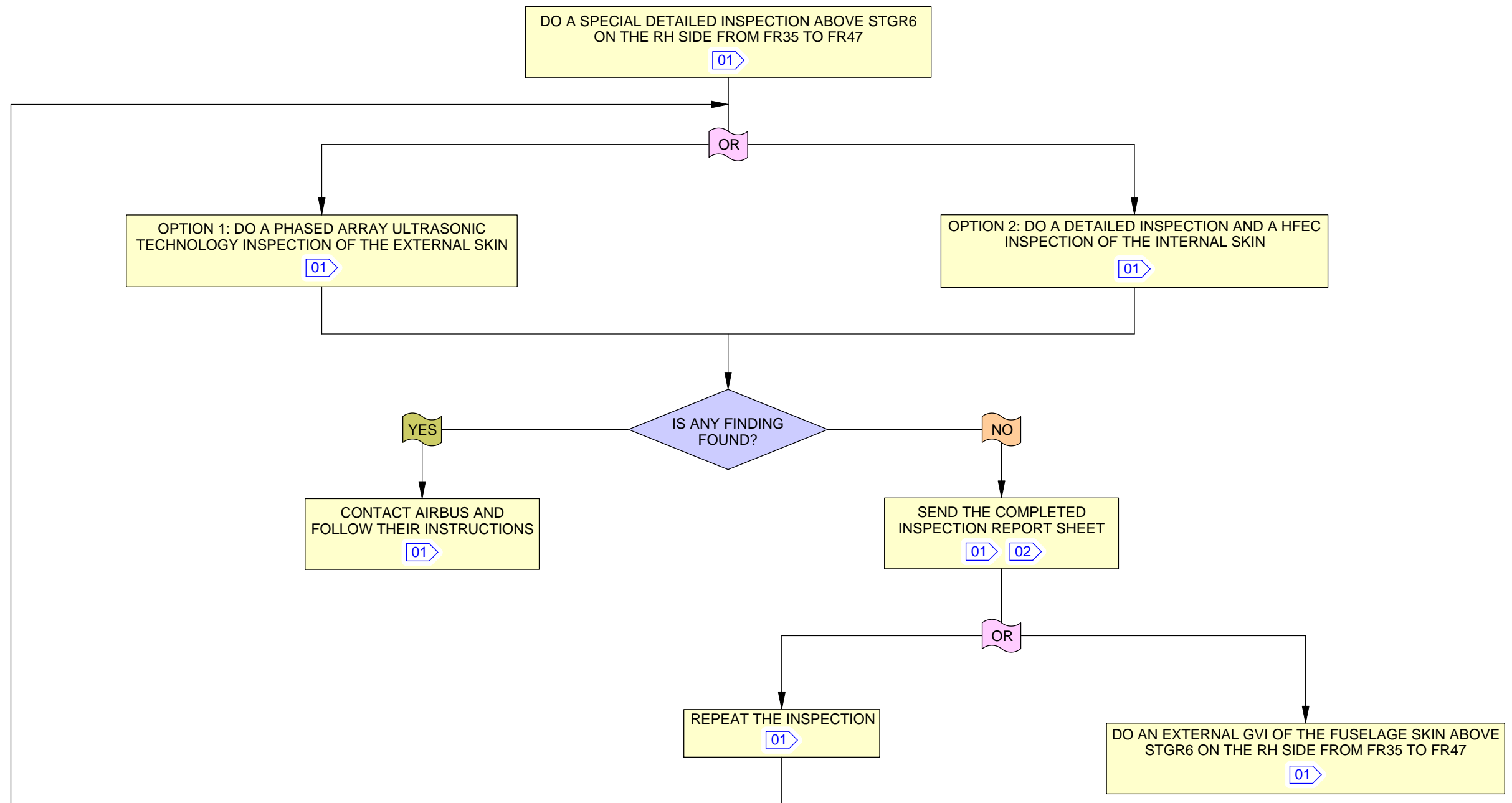


NOTE:
INSPECTION AREA.

ICN-A320-A-53XX1472-A-FAPE3-01LWY-A-002-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01LWY-A-002-01 SHEET 2/2

CONF ALL



NOTE:

THE PURPOSE OF FLOW CHARTS IS TO SUPPLEMENT THE INFORMATION GIVEN IN THE PROCEDURE AND COMPLIANCE PARAGRAPHS AND NOT TO SERVE AS THE PRIMARY SOURCE FOR TASKS OR COMPLIANCE TIMES GIVEN IN THIS SERVICE BULLETIN.

01 FOR THE ACCOMPLISHMENT TIMESCALE, REFER TO PARAGRAPH 1.E. (2).

02 TO SEND THE INSPECTION REPORT SHEET IS REQUIRED ONLY FOR COMPLIANCE (RC) FOR THE FIRST SPECIAL DETAILED INSPECTION PERFORMED.

ICN-A320-A-53XX1472-A-FAPE3-01VTU-A-003-01

Figure ICN-A320-A-53XX1472-A-FAPE3-01VTU-A-003-01 SHEET 1/1

Flowchart (Special Detailed Inspection on the RH Side)

(3) Task A320-A-53-XX-1472-07001-90AA-A - Complete and Send the Inspection Report Sheet
Job Set-Up Information
Manpower/Resources/Skills

Man-hours	0.25 h
Minimum Number of person	1
Elapsed Time	0.25 h

Referenced Information

Manuals/Drawings	References/Sheets
ISI	00.00.00179

Procedure

- (a) Complete the inspection report sheet, refer to Ref. Fig. Inspection Report.
- (b) Send the completed inspection report sheet in accordance with Ref. ISI 00.00.00179.

NOTE: To send the Inspection Report sheet is Required only for Compliance (RC) for the first special detailed inspection performed.

CONF ALL

INSPECTION REPORT							
SERVICE BULLETIN No : A320-53-1472	SEND THE COMPLETED INSPECTION REPORT SHEET IN ACCORDANCE WITH ISI 00.00.00179						
A/C MSN :							
FLIGHT CYCLES :							
FLIGHT HOURS :							
DATE OF INSPECTION :							
INSPECTION METHOD : <input type="checkbox"/> SPECIAL DETAILED INSPECTION							
<table border="1"> <thead> <tr> <th>WHAT WAS THE LAST INSPECTION METHOD PERFORMED?</th> <th>WAS ANY FINDING FOUND?</th> </tr> </thead> <tbody> <tr> <td>PHASED ARRAY ULTRASONIC TECHNOLOGY INSPECTION OF THE EXTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/></td> <td>YES <input type="checkbox"/></td> </tr> <tr> <td>DETAILED INSPECTION AND HFEC INSPECTION OF THE INTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/></td> <td>NO <input type="checkbox"/></td> </tr> </tbody> </table>		WHAT WAS THE LAST INSPECTION METHOD PERFORMED?	WAS ANY FINDING FOUND?	PHASED ARRAY ULTRASONIC TECHNOLOGY INSPECTION OF THE EXTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/>	YES <input type="checkbox"/>	DETAILED INSPECTION AND HFEC INSPECTION OF THE INTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/>	NO <input type="checkbox"/>
WHAT WAS THE LAST INSPECTION METHOD PERFORMED?	WAS ANY FINDING FOUND?						
PHASED ARRAY ULTRASONIC TECHNOLOGY INSPECTION OF THE EXTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/>	YES <input type="checkbox"/>						
DETAILED INSPECTION AND HFEC INSPECTION OF THE INTERNAL SKIN ON THE LH AND THE RH SIDES <input type="checkbox"/>	NO <input type="checkbox"/>						
REMARKS:							

ICN-A320-A-53XX1472-A-FAPE3-01ZUU-A-002-01

D. PREPARATION FOR TEST

None

E. TEST

None

F. CLOSE-UP
(1) Task A320-A-53-XX-1472-03001-740A-A - Close-up
Job Set-Up Information
Manpower/Resources/Skills

Man-hours	15.00 h
Minimum Number of person	3
Elapsed Time	5.00 h

Referenced Information

Manuals/Drawings	References/Sheets
AMM	Task 05-22-40-200-003

Procedure

- (a) Make sure that the work areas are clean and clear of tools and other items of equipment.
- (b) Do the close-up procedure as specified in the GVI of center passenger overhead compartment, refer to Ref. AMM Task 05-22-40-200-003.
- (c) Put the aircraft back to its initial configuration.

G. ADMINISTRATIVE
(1) Task A320-A-53-XX-1472-04001-90AA-A - Administrative
Procedure

Confirm in the applicable aircraft records that you have completed all the work defined in this Service Bulletin task set as required.

APPENDIX

A. REPORTING SHEET

TITLE:	FUSELAGE - CENTRAL FUSELAGE - INSPECTION FOR FUSELAGE SKIN CRACKS ABOVE LAP JOINT STRINGERS 6 LH AND RH BETWEEN FRAMES 35 AND 47
MODIFICATION No.:	None

(1) SB Reporting status

This Service Bulletin will only be incorporated into affected customized Maintenance and Flight Operations Products if it is duly reported to Airbus.

(2) GENERAL information

The SB Reporting policy is published in ISI 00.00.00135. This document provides information regarding: the SB Reporting means and benefits, the update of customized Maintenance Products and customized Flight Operations Products.

If this Service Bulletin has an operational impact, refer to paragraph "Flight Operations Products" for further information on the update of affected Flight Operations Products.

(3) SB Reporting procedure

Standard practice to report SB is to use the online reporting application on AirbusWorld.

Refer to ISI 00.00.00179:

- For complete information on reporting means to Airbus, Question 2 "What are the standard practices for SB Reporting?"
- If this SB requires previous or simultaneous accomplishment of other SBs, Question 3 "What about the reporting of prerequisite Service Bulletins?"

NOTE: ISI 00.00.00179 covers all the frequently asked questions about SB Reporting. It is revised on a regular basis.

B. QUALITY PERCEPTION FORM

Use this form to tell us what is your perception of the quality of this Service Bulletin.

The reported data that you provide us will be used to analyse areas of difficulties and to take corrective action to further improve the quality of our Service Bulletin.

We thank you for the time you have taken in completing this form.

Quality rating of this SB	4	3	2	1
Quality rating of the Accomplishment Instructions	4	3	2	1
Quality rating of the Illustrations	4	3	2	1
Is this SB easy to understand ?	Y / N			

NOTE: Please rate on a scale of 1 to 4, with 4 being the highest score

If you have difficulties in the accomplishment of this SB please quote below the area(s) and give a short description of the issue.

	Planning		Material		Instructions
X	Applicability	X	Tooling	X	Preparation
X	Reason	X	List of Materials Operator Supplied	X	Mod/Inspection
X	Manpower	X	Kit content	X	Test
X	References	X	Re-identification	X	Close-up
X	Publication			X	Illustrations
X	Industry Support				

Comments :

Operator :

Date :

Name/Title

Please return this form to :

AIRBUS
2, ROND POINT EMILE DEWOITINE
31700 BLAGNAC
FRANCE

Or via your Resident Customer Support Office.